



PMI RESEARCH & DEVELOPMENT

Study ZRHM-REXA-07-JP Clinical Study Report Appendix 15.1 Figures

Study Title:	A randomized, controlled, open-label, 3-arm parallel group, multi-center study to demonstrate reductions in exposure to selected smoke constituents in healthy smokers switching to the Tobacco Heating System 2.2 Menthol (THS 2.2 Menthol) or observing smoking abstinence, compared to continuing to use menthol conventional cigarettes, for 5 days in confinement and prolonged by 85 days in an ambulatory setting
Study Number:	ZRHM-REXA-07-JP
Product Name:	Tobacco Heating System 2.2 Menthol (THS 2.2 Menthol)
Study Initiated (first subject screened):	01 August 2013
Study Completed (last subject last visit):	03 July 2014
Principal Investigator and Affiliation:	Mamoru Oki, MD, PhD, Seishukai Clinic 3-18-5, Matsugaya, Taitou-ku Tokyo 111-0036, Japan Professor Masahiro Endo, MD, Tokyo Heart Center Osaki Hospital, 5-4-12, Kita-Shinagawa, Shinagawa-ku, Tokyo 141-0001, Japan
Sponsor:	Philip Morris Products S.A. PMI Research & Development Quai Jeanrenaud 5 2000 Neuchâtel, Switzerland
Sponsor Signatories:	Christelle Haziza, PhD, Manager P1 Clinical Program, Clinical Scientist Nicola Lama, PhD, Biostatistician Andrea Donelli, Clinical Scientist Patrick Picavet, MD, Medical Safety Officer
Version:	1.0
Date:	46'Hgdtwct{"4238

This study was conducted in accordance with Good Clinical Practice.

Confidentiality Statement

This document is confidential. Disclosure of any of its contents to third parties is not permitted except by the prior written consent of Philip Morris Products S.A.



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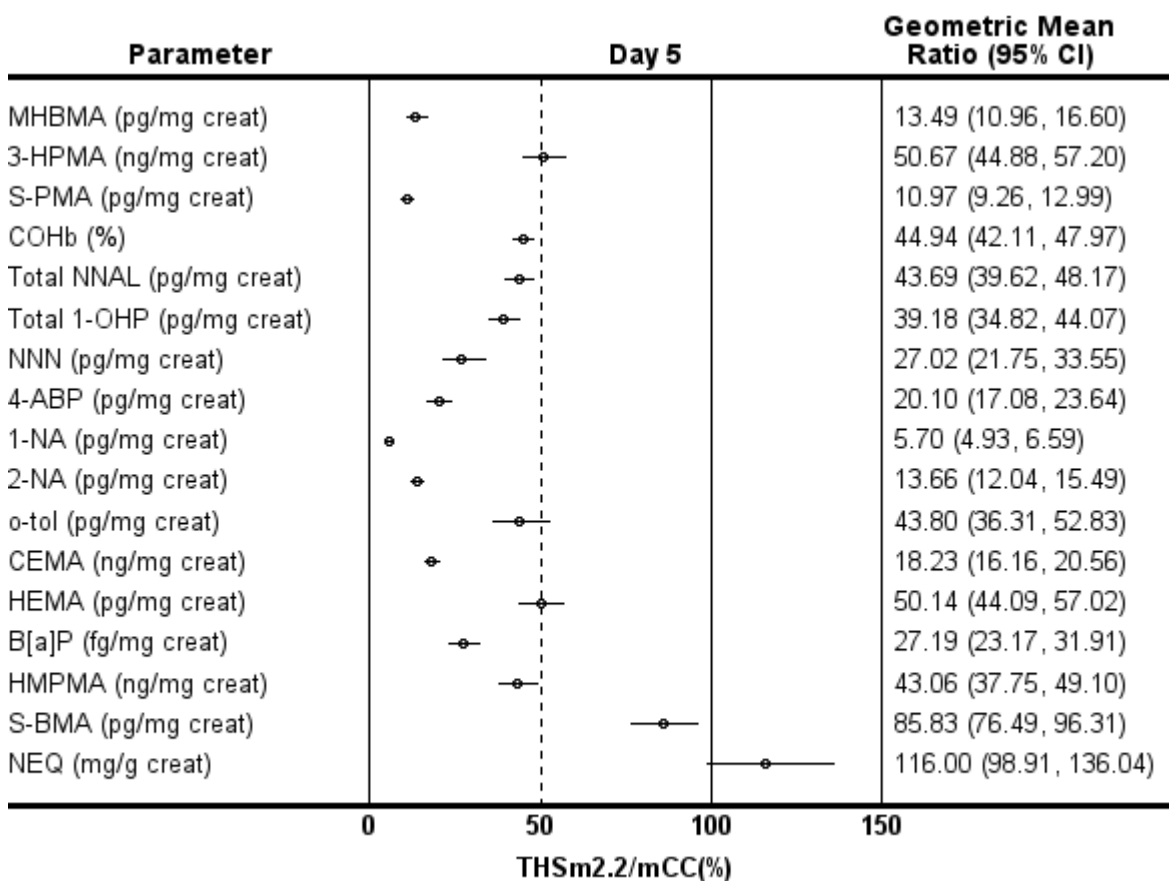
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15.1 FIGURES



15.1.1 Primary Endpoints

**Figure 15.1.1.1 Forest Plot of Statistical Analysis of Biomarkers of Exposure on Day 5 and Day 90 - PP Set**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Symbols < or > mark the estimate or CI is outside of the reporting scale.

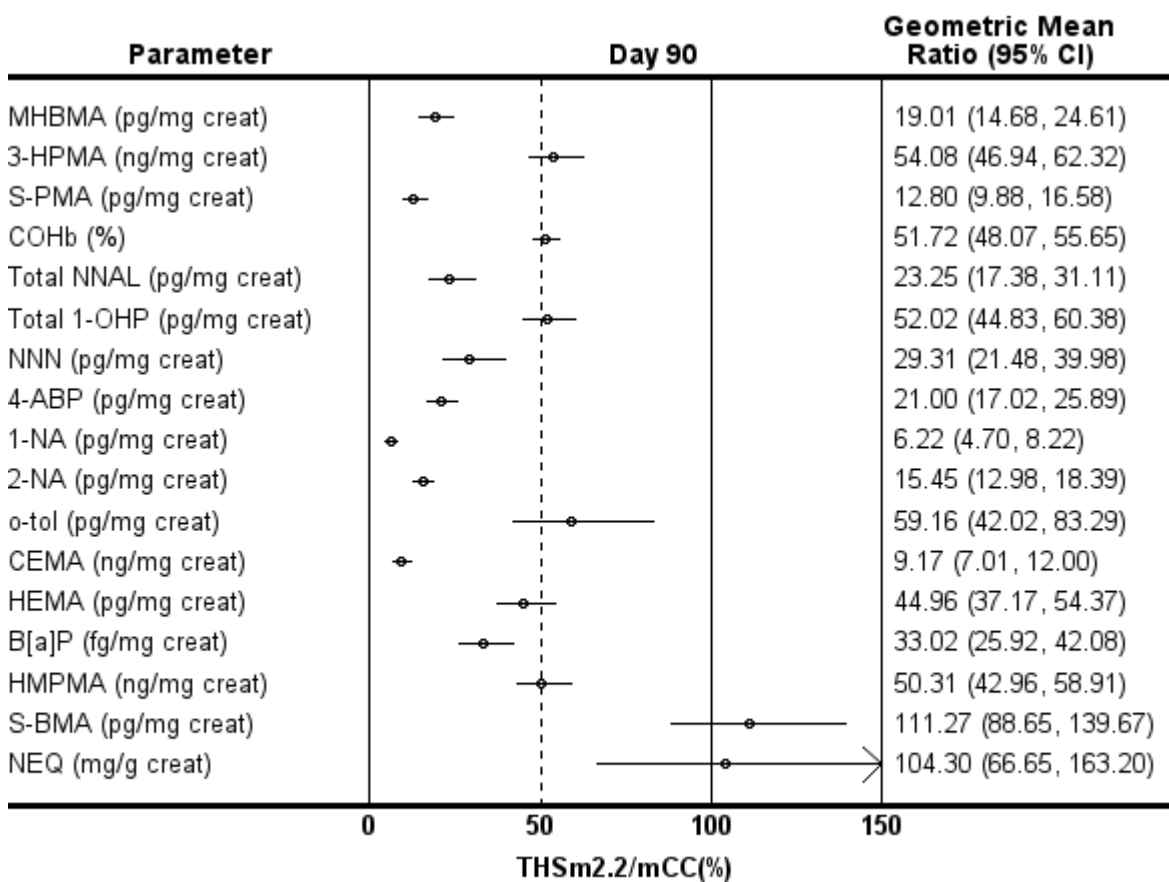
Appendix: 15.2.3.2, 15.2.3.4

Study ID: ZRHM-REXA-07-JP

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**Figure 15.1.1.1 Forest Plot of Statistical Analysis of Biomarkers of Exposure on Day 5 and Day 90 - PP Set**

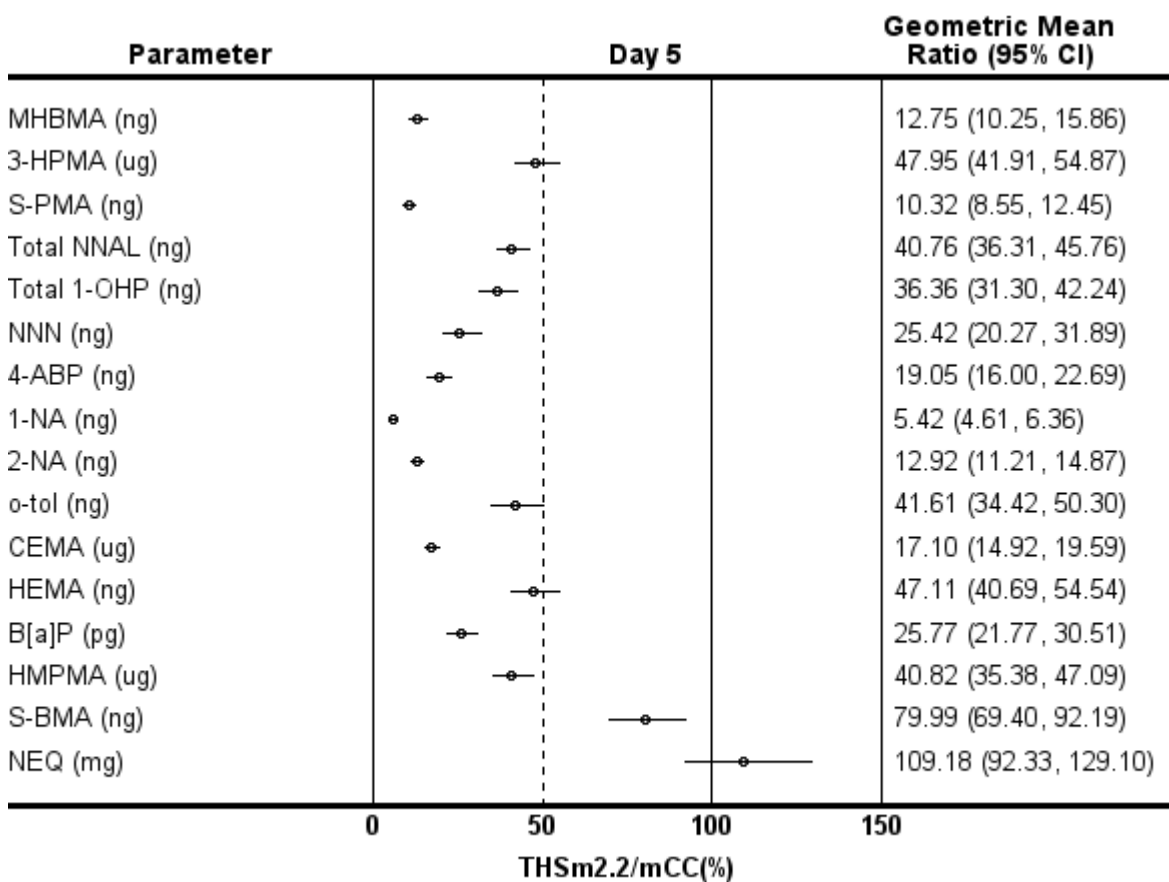
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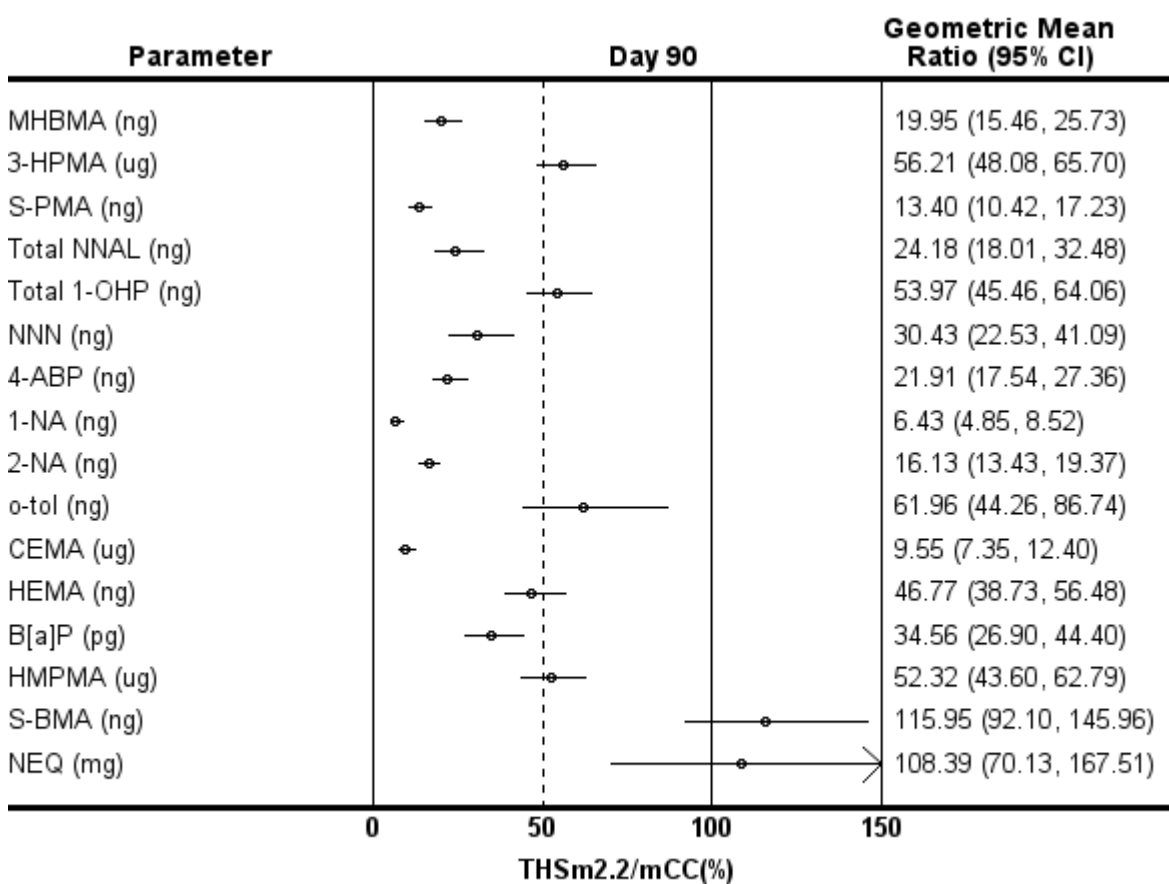
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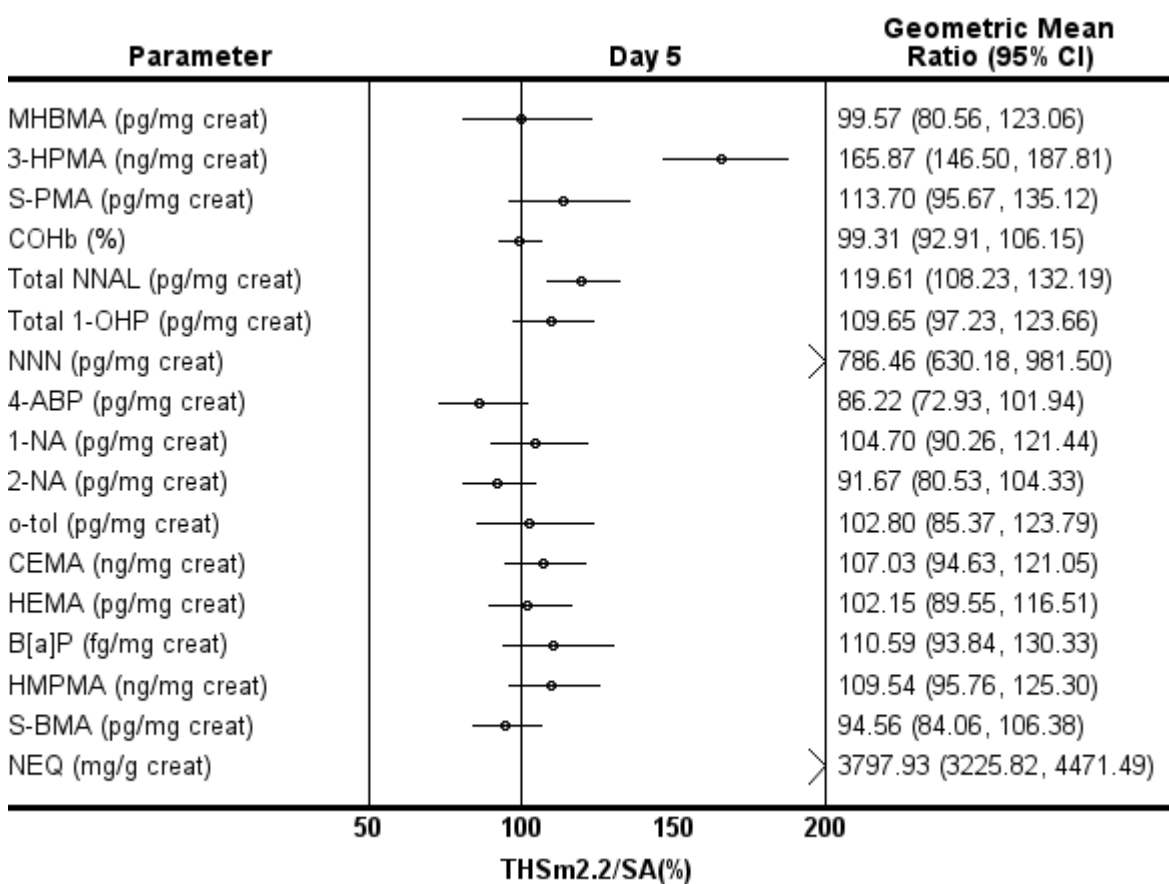
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**Figure 15.1.1.1 Forest Plot of Statistical Analysis of Biomarkers of Exposure on Day 5 and Day 90 - PP Set**

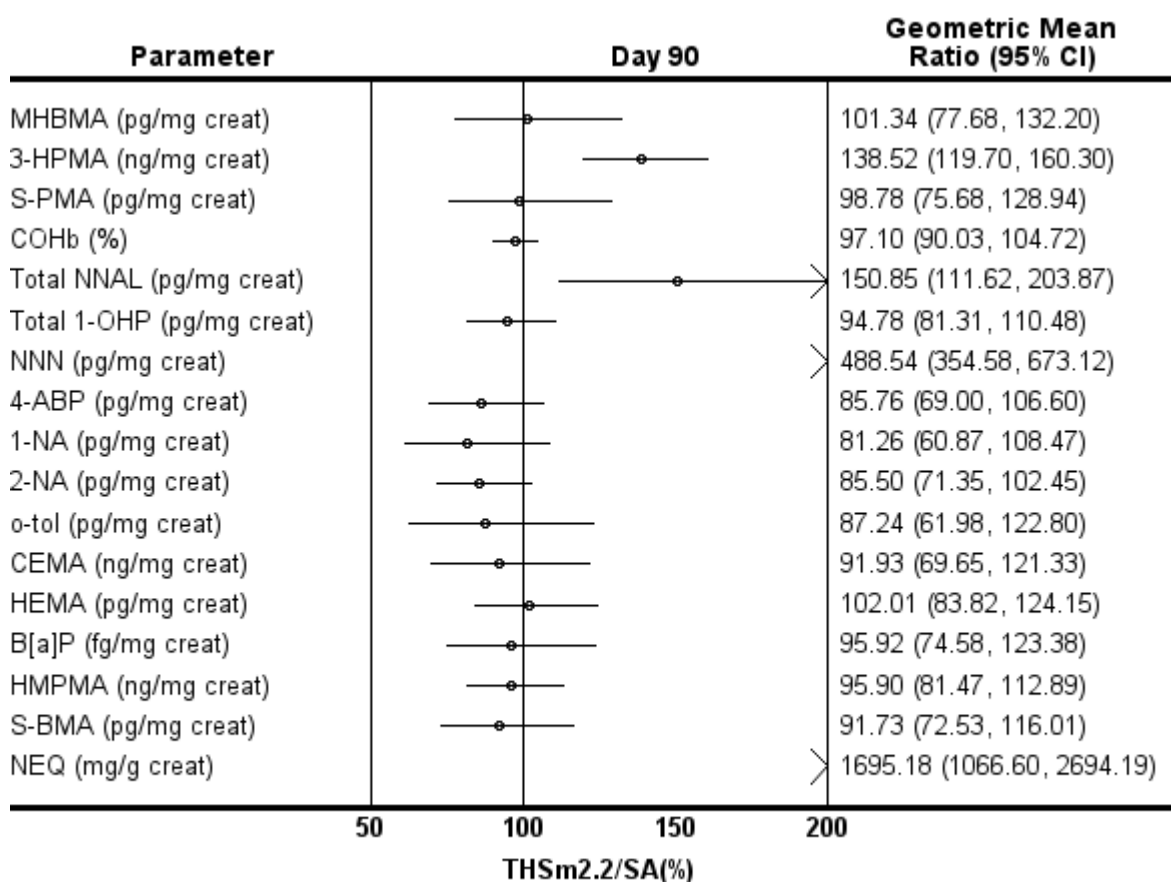
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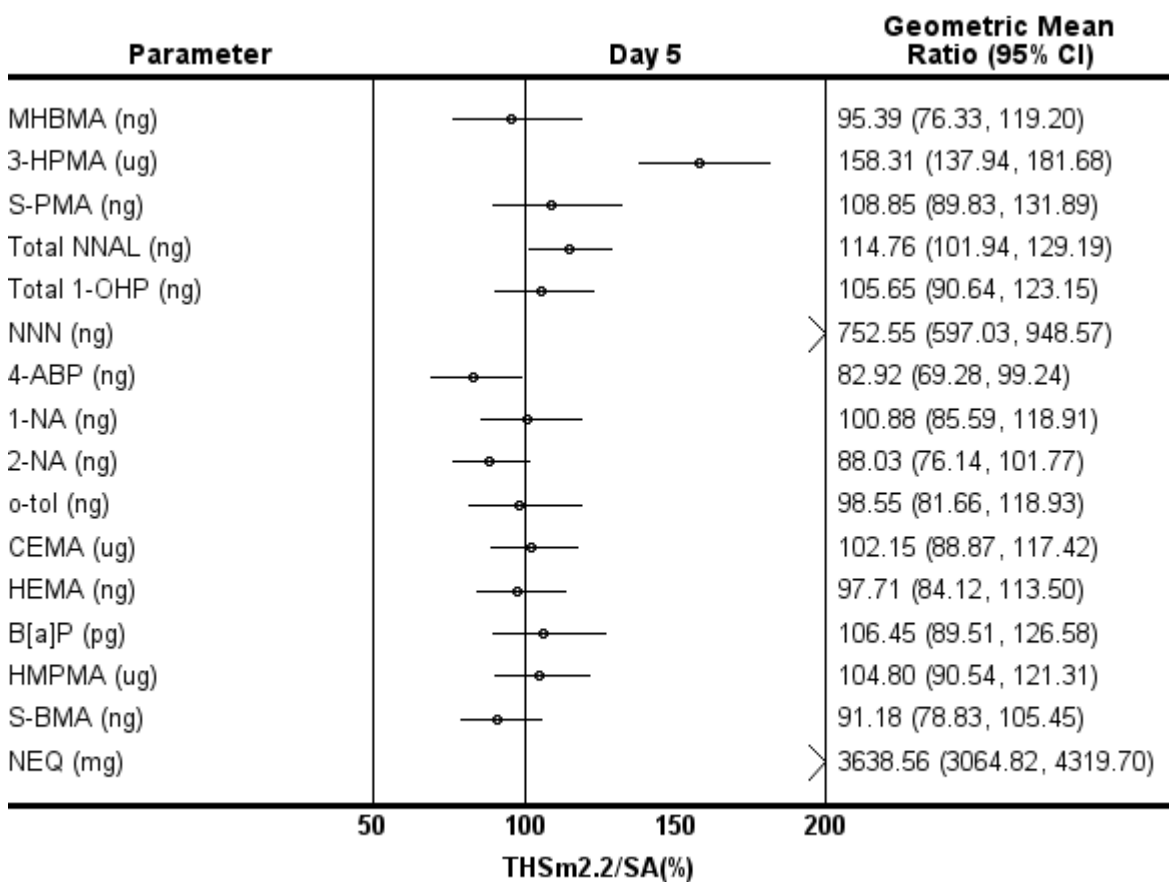
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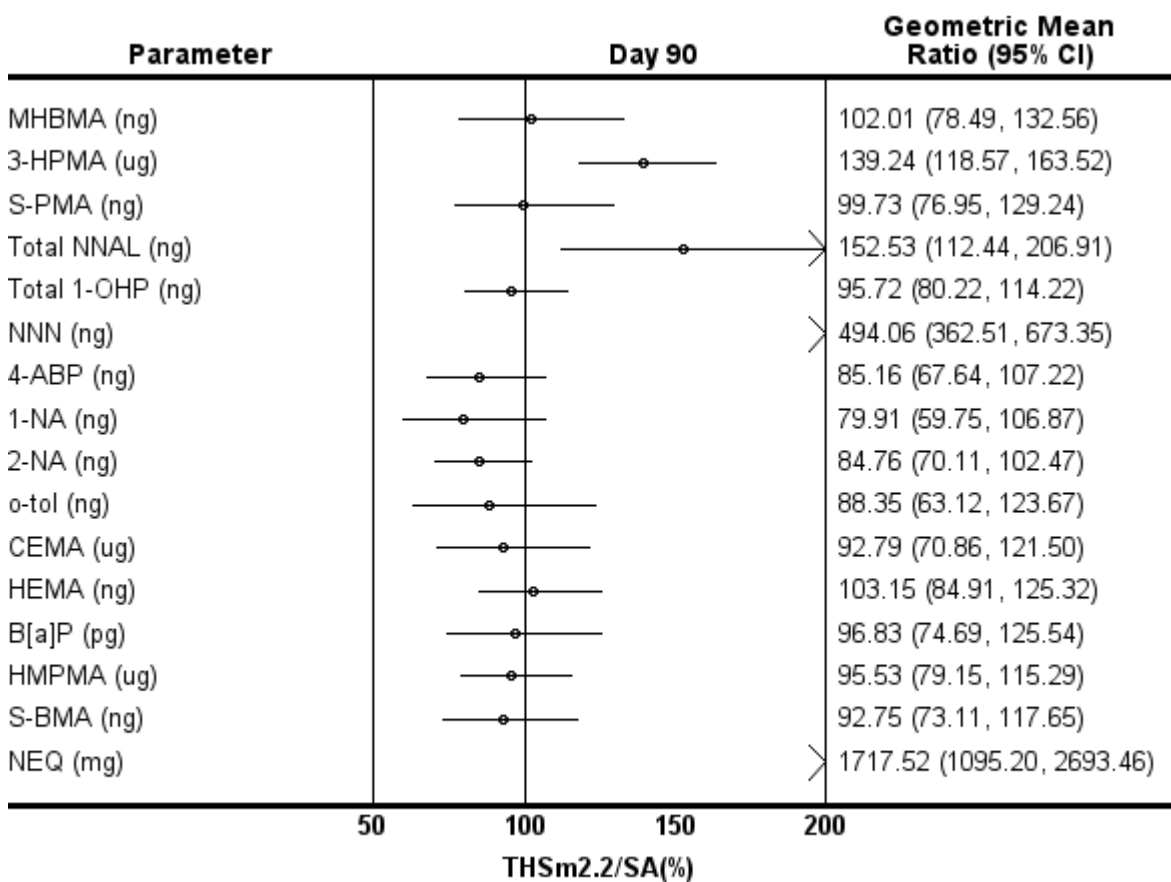
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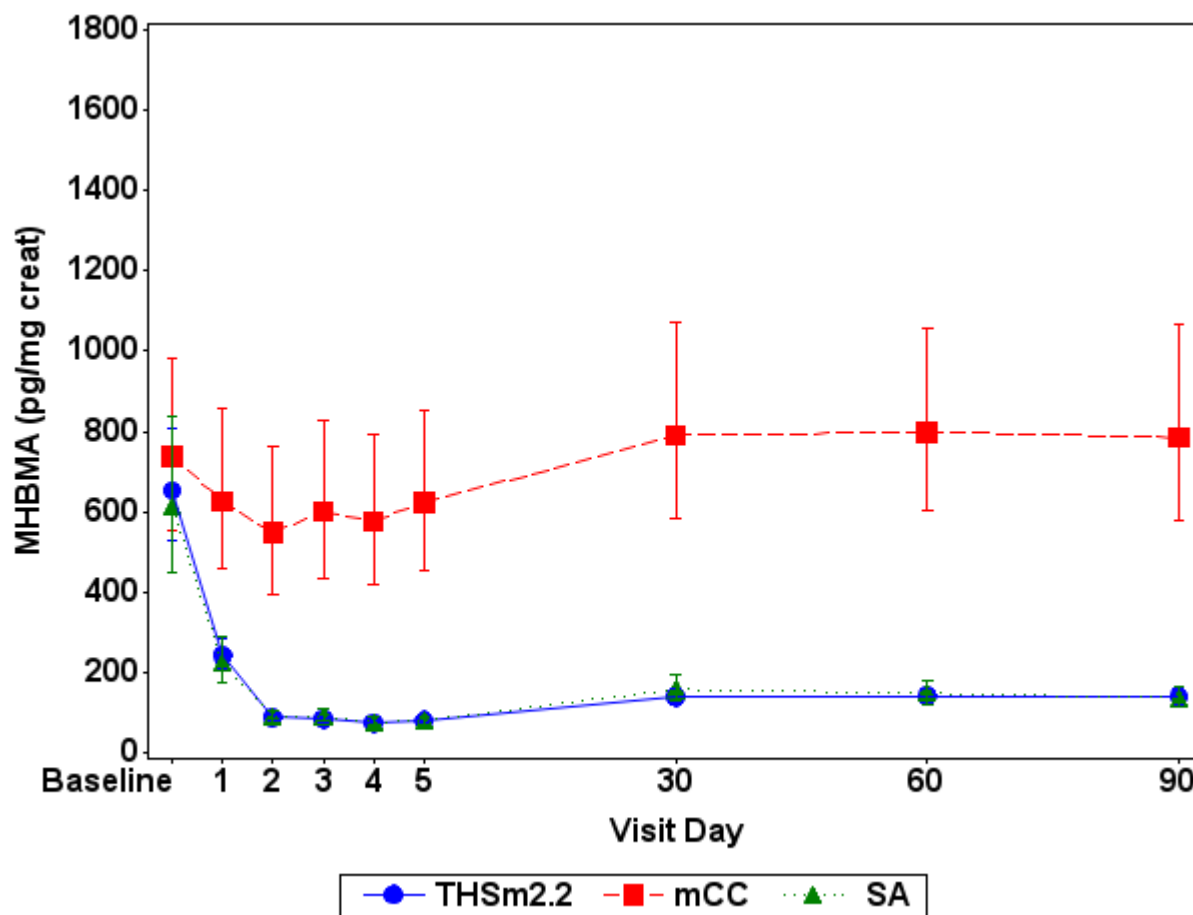
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**Figure 15.1.1.2 Biomarkers of Exposure Geometric Mean and 95% CI - PP Set**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

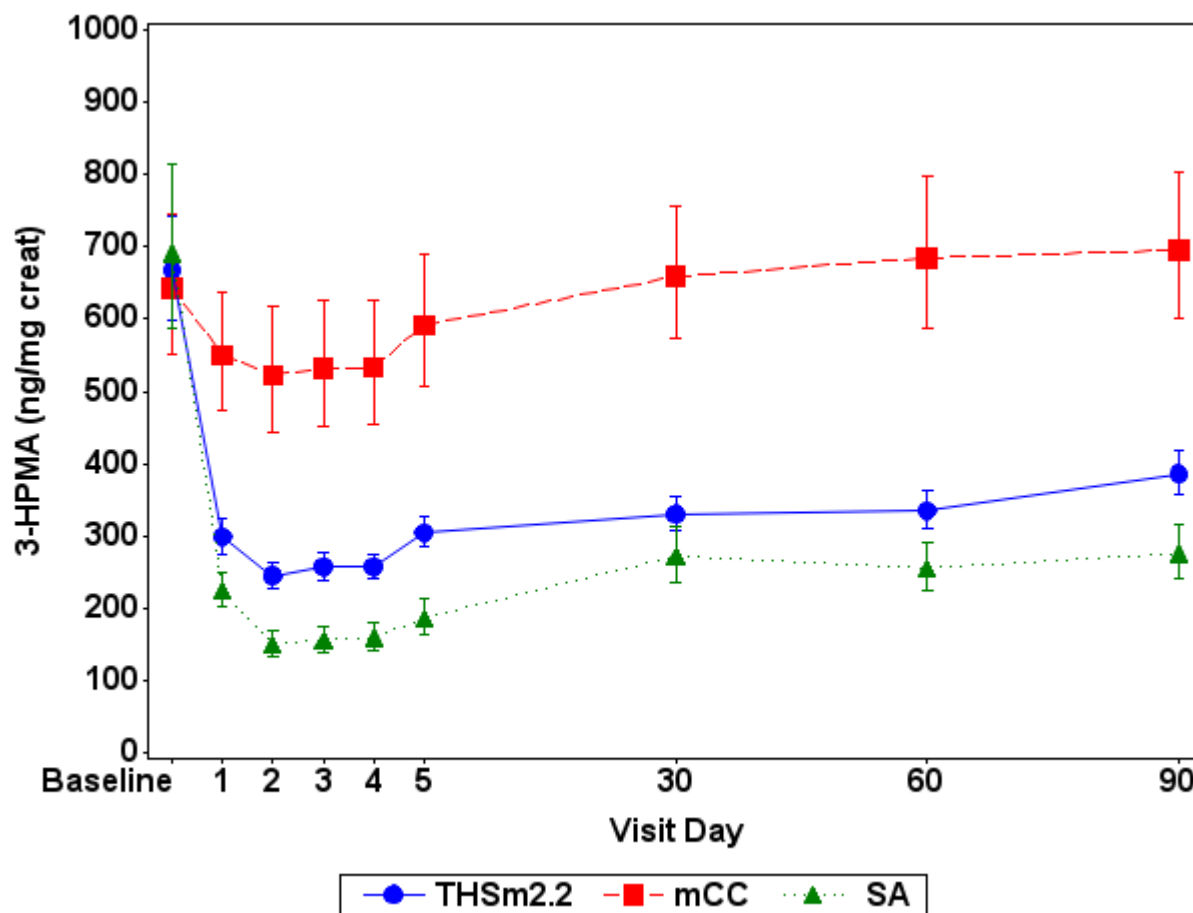
Baseline is summarized using the baseline data from the PP Set for Period 1.

Note: Arithmetic mean and 95% CI are plotted for Exhaled CO (ppm).

Appendix: 15.2.4.xx.1, with xx in 1- 18

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**Figure 15.1.1.2 Biomarkers of Exposure Geometric Mean and 95% CI - PP Set**

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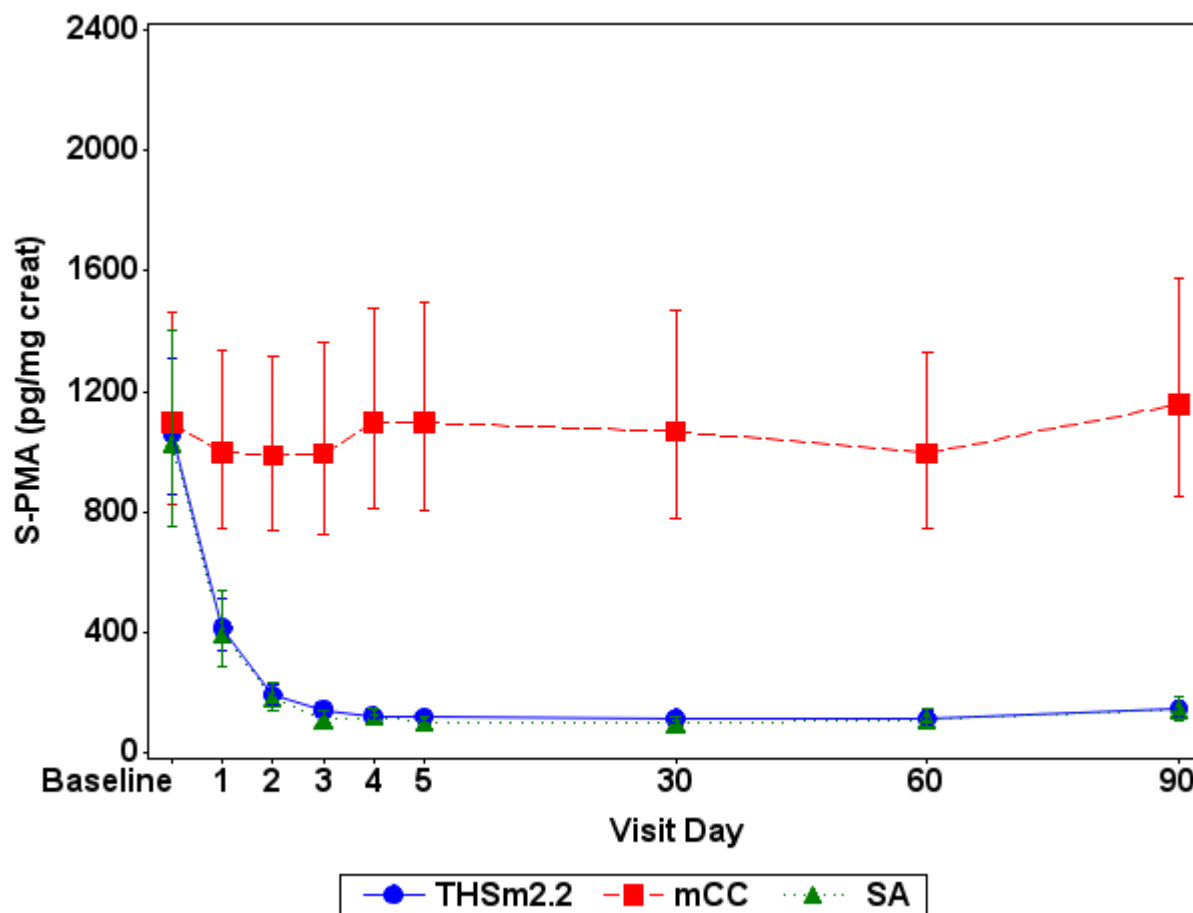
Baseline is summarized using the baseline data from the PP Set for Period 1.

Note: Arithmetic mean and 95% CI are plotted for Exhaled CO (ppm).

Appendix: 15.2.4.xx.1, with xx in 1- 18

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**Figure 15.1.1.2 Biomarkers of Exposure Geometric Mean and 95% CI - PP Set**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

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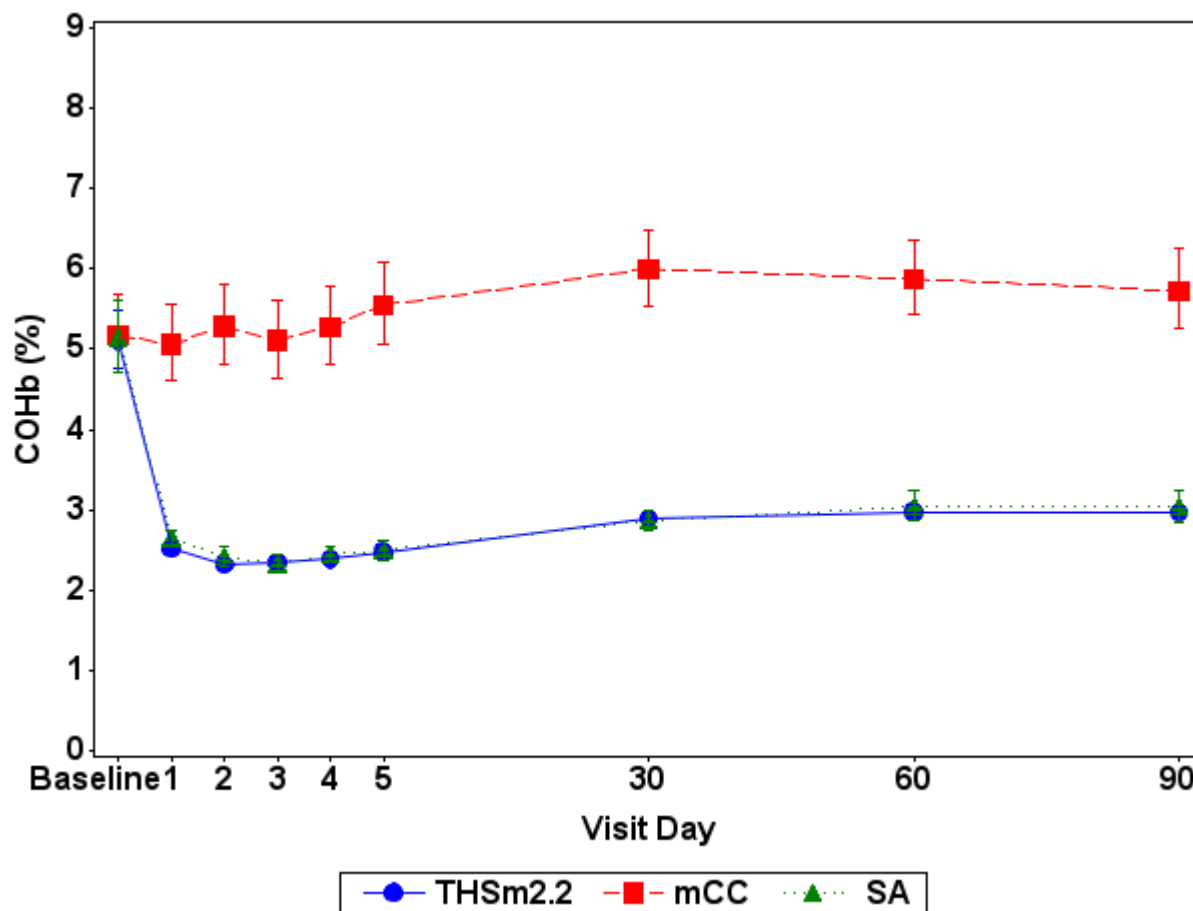
Baseline is summarized using the baseline data from the PP Set for Period 1.

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Appendix: 15.2.4.xx.1, with xx in 1- 18

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Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

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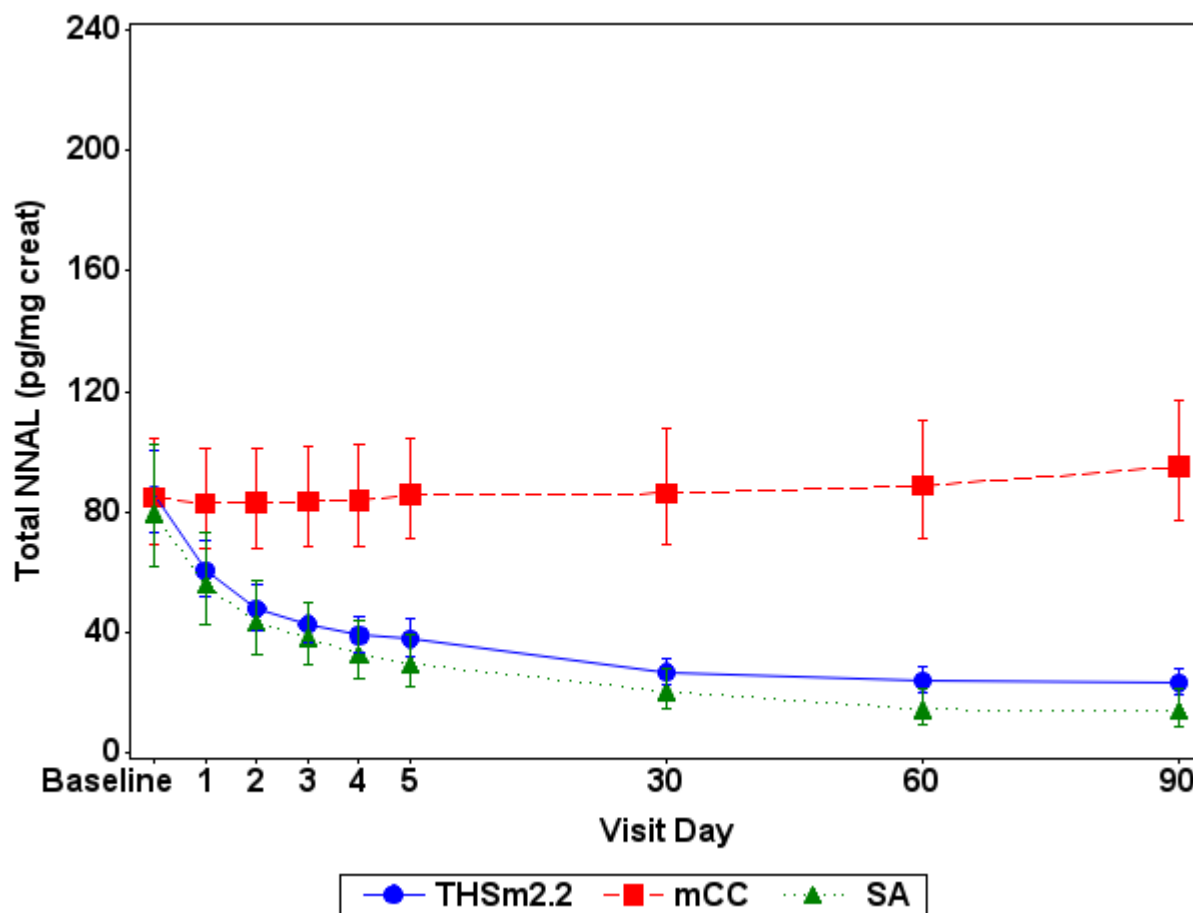
Baseline is summarized using the baseline data from the PP Set for Period 1.

Note: Arithmetic mean and 95% CI are plotted for Exhaled CO (ppm).

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**Figure 15.1.1.2 Biomarkers of Exposure Geometric Mean and 95% CI - PP Set**

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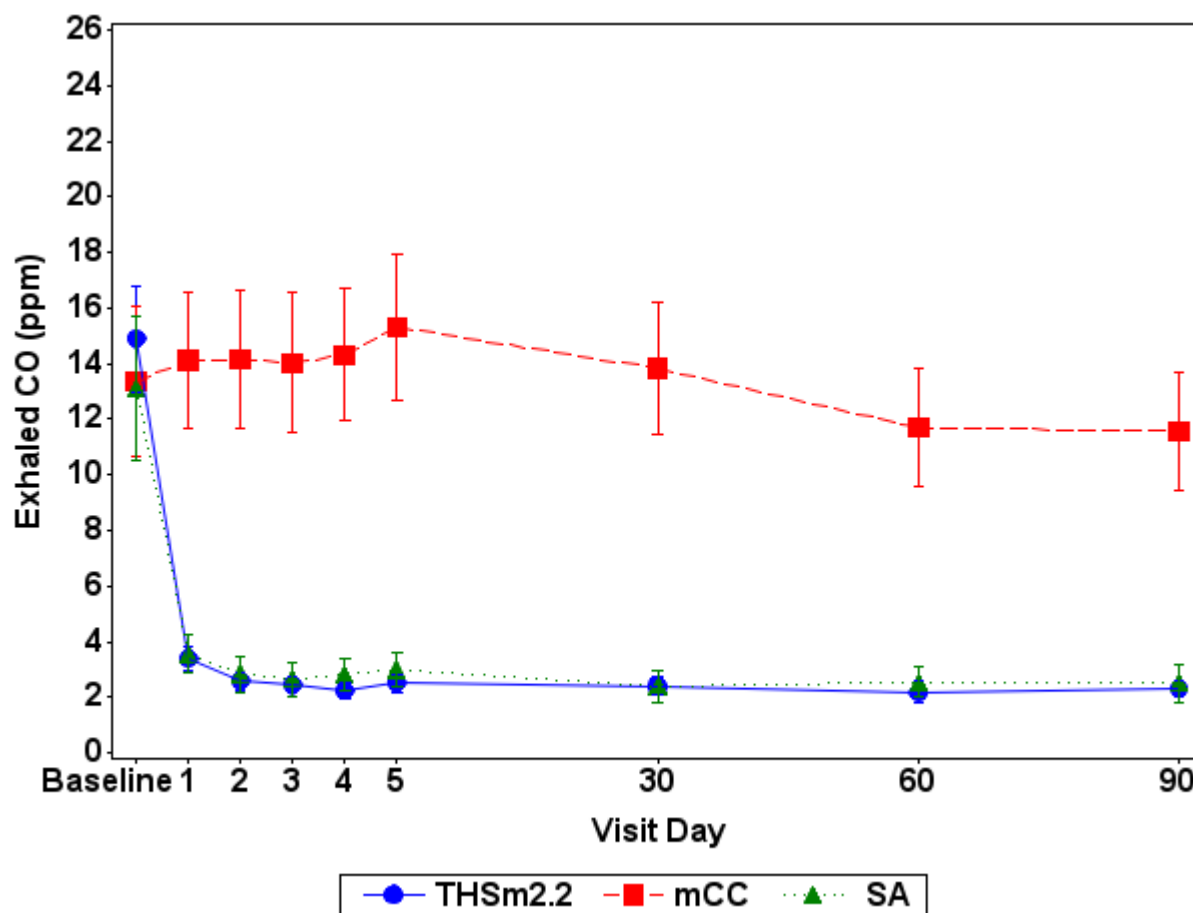
Baseline is summarized using the baseline data from the PP Set for Period 1.

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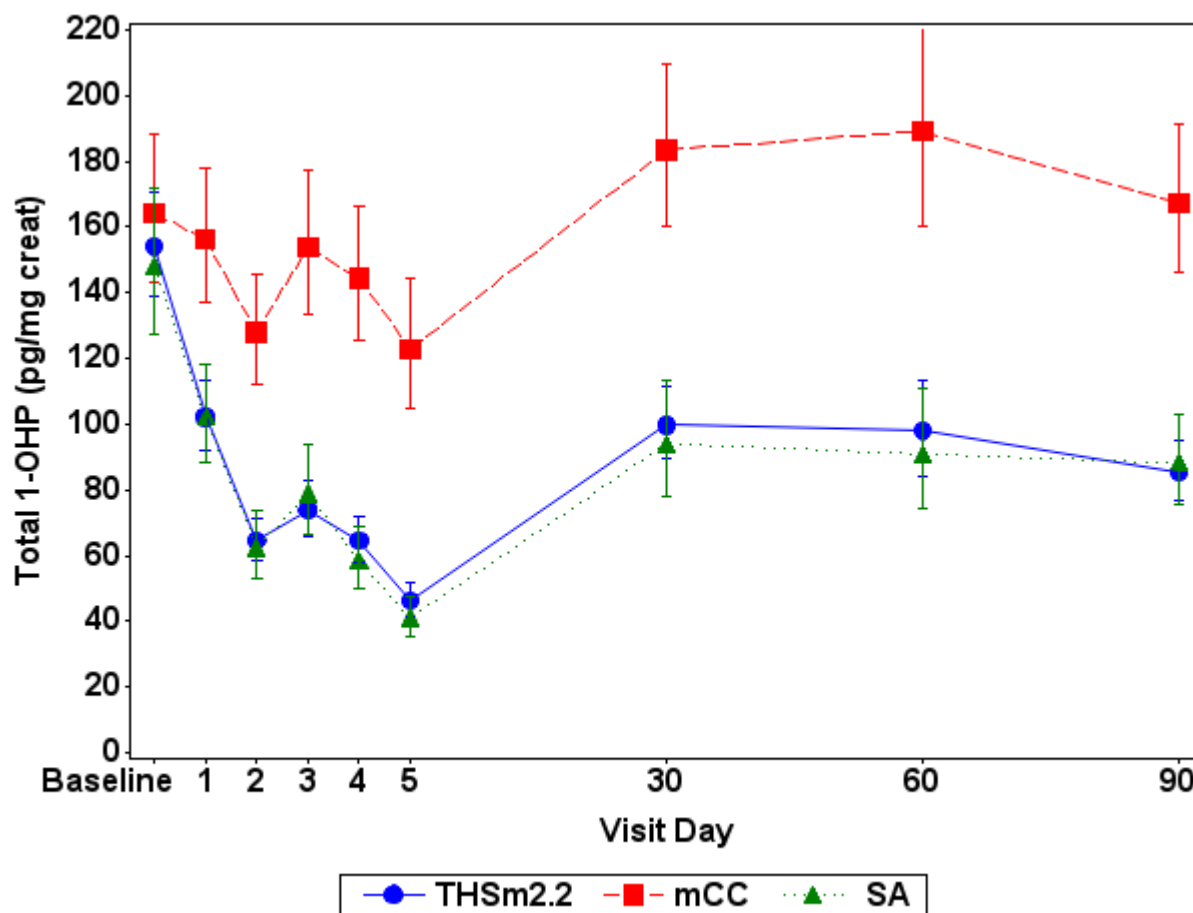
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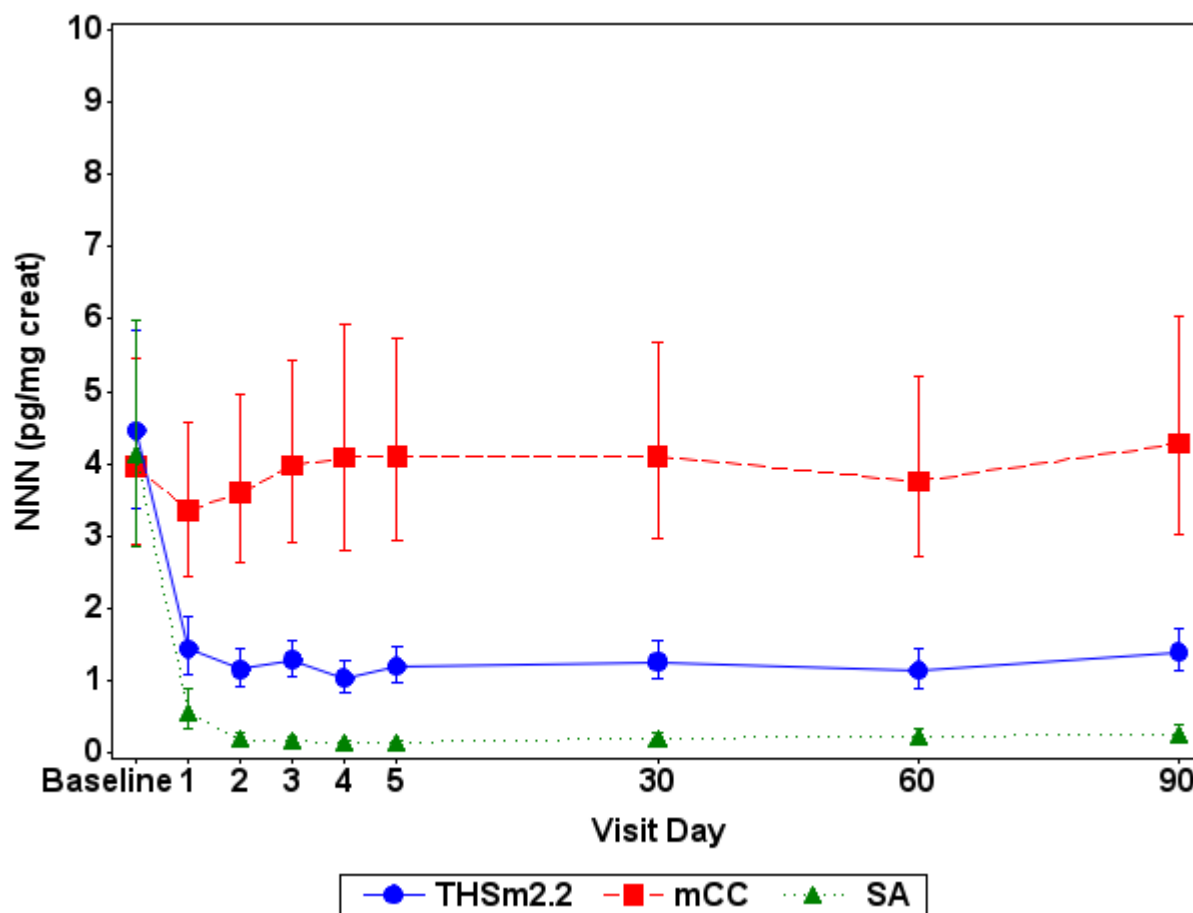
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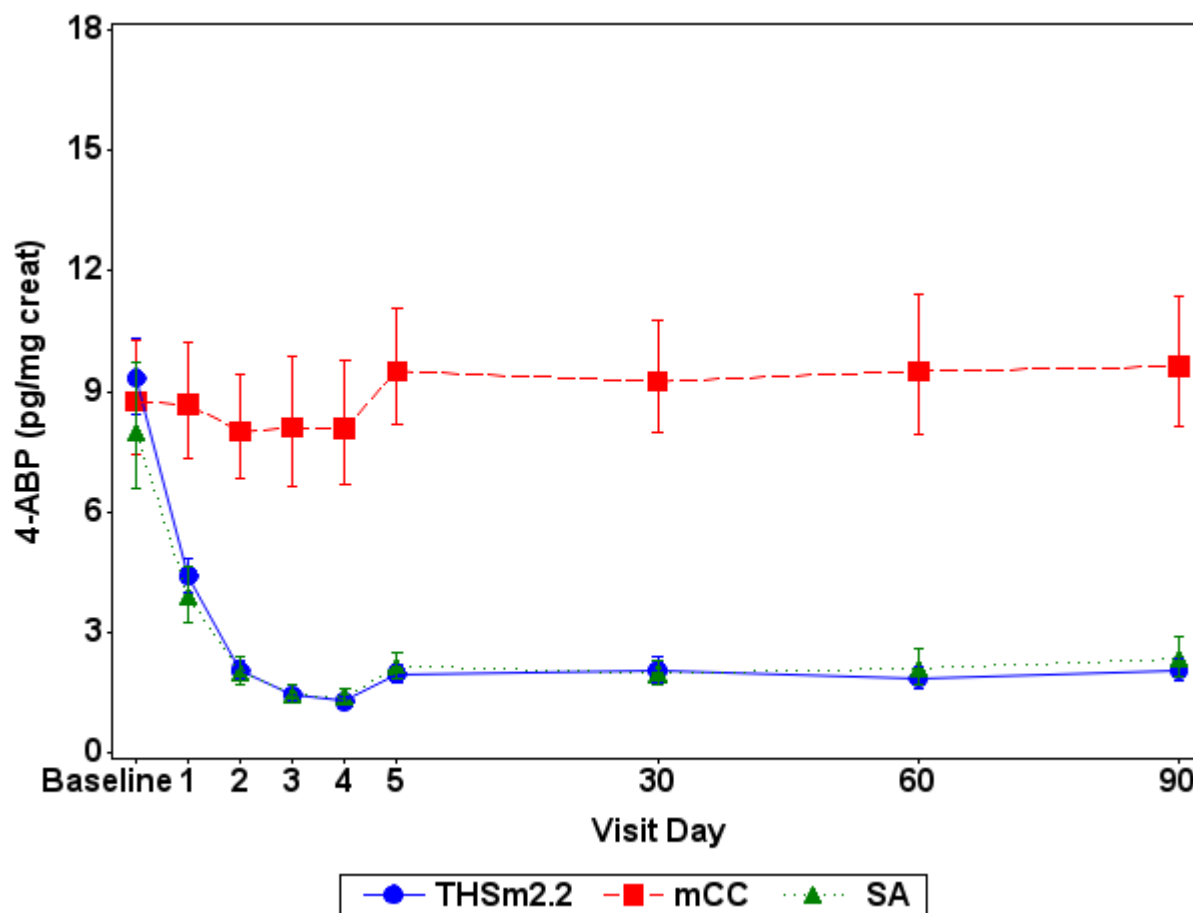
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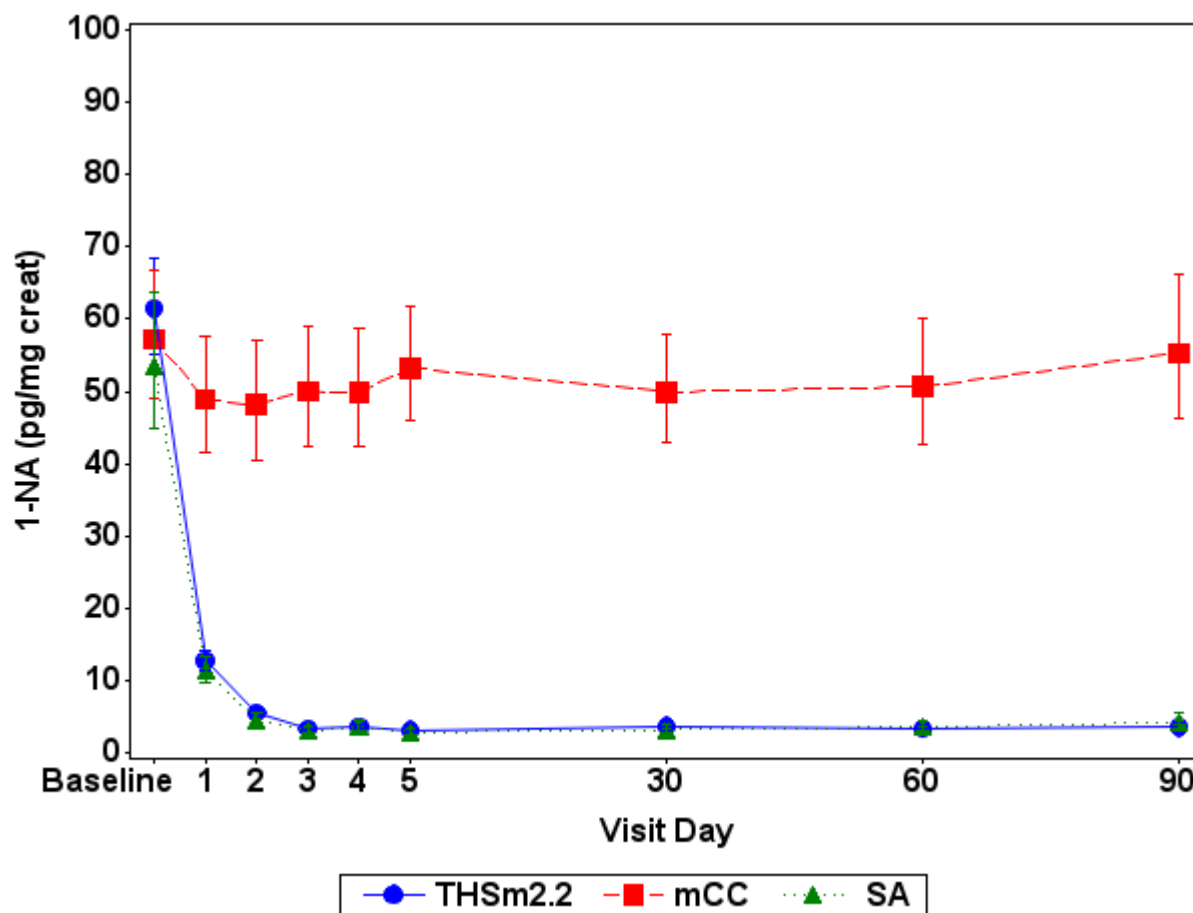
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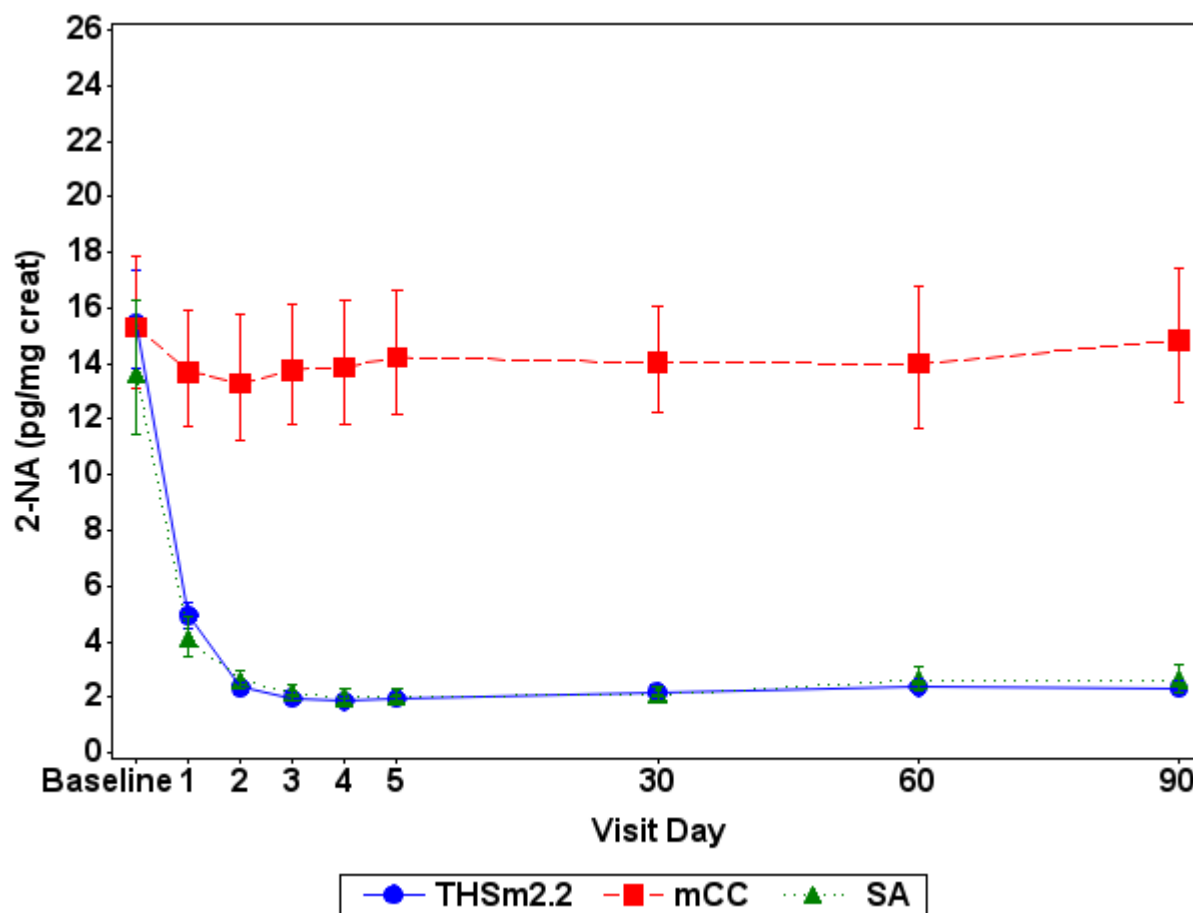
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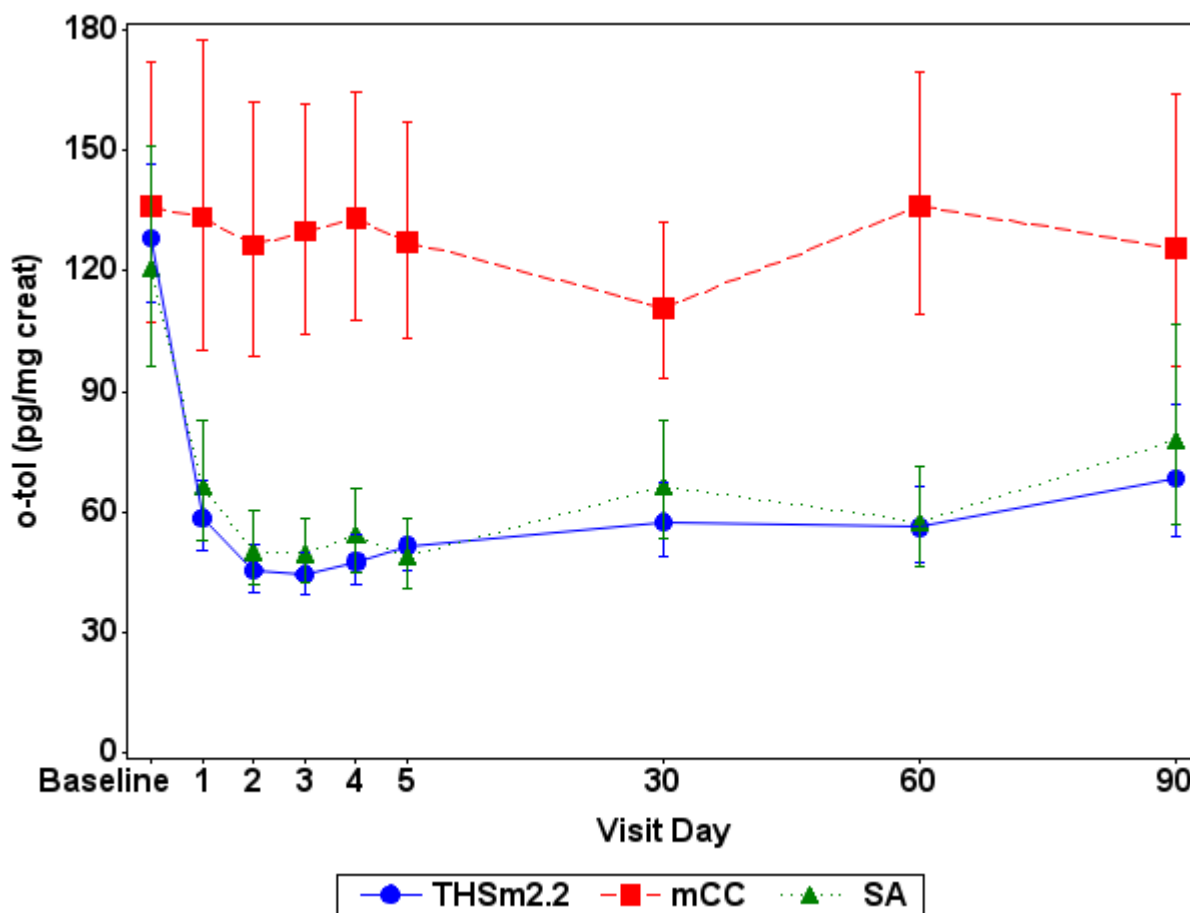
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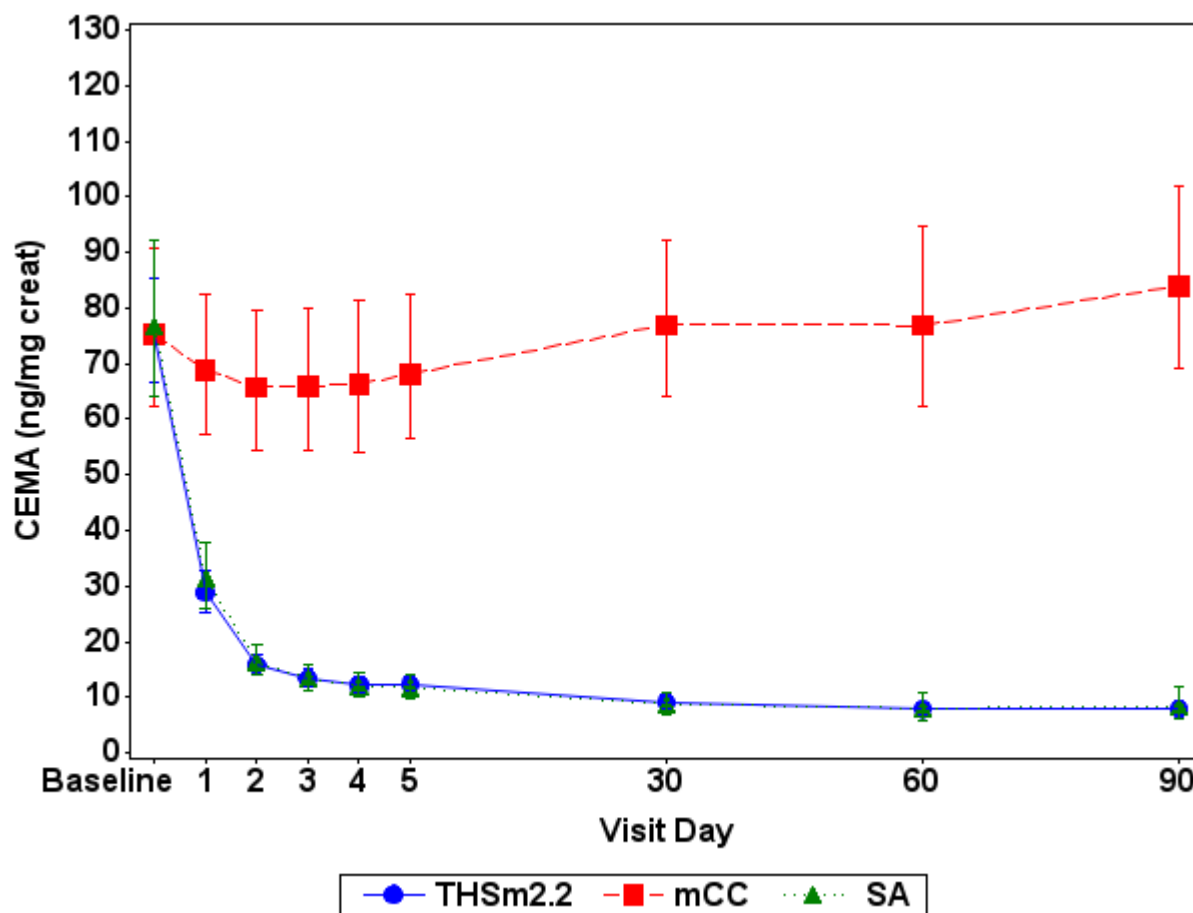
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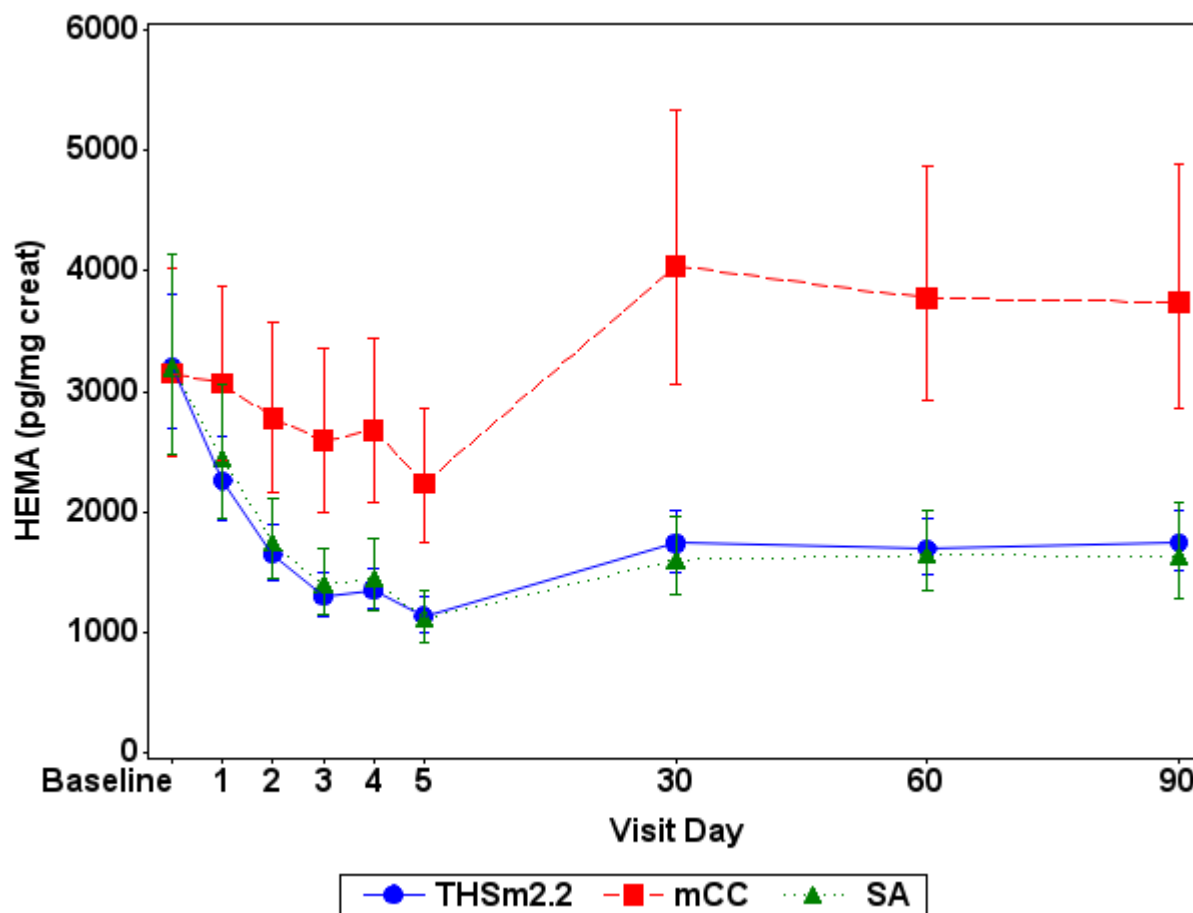
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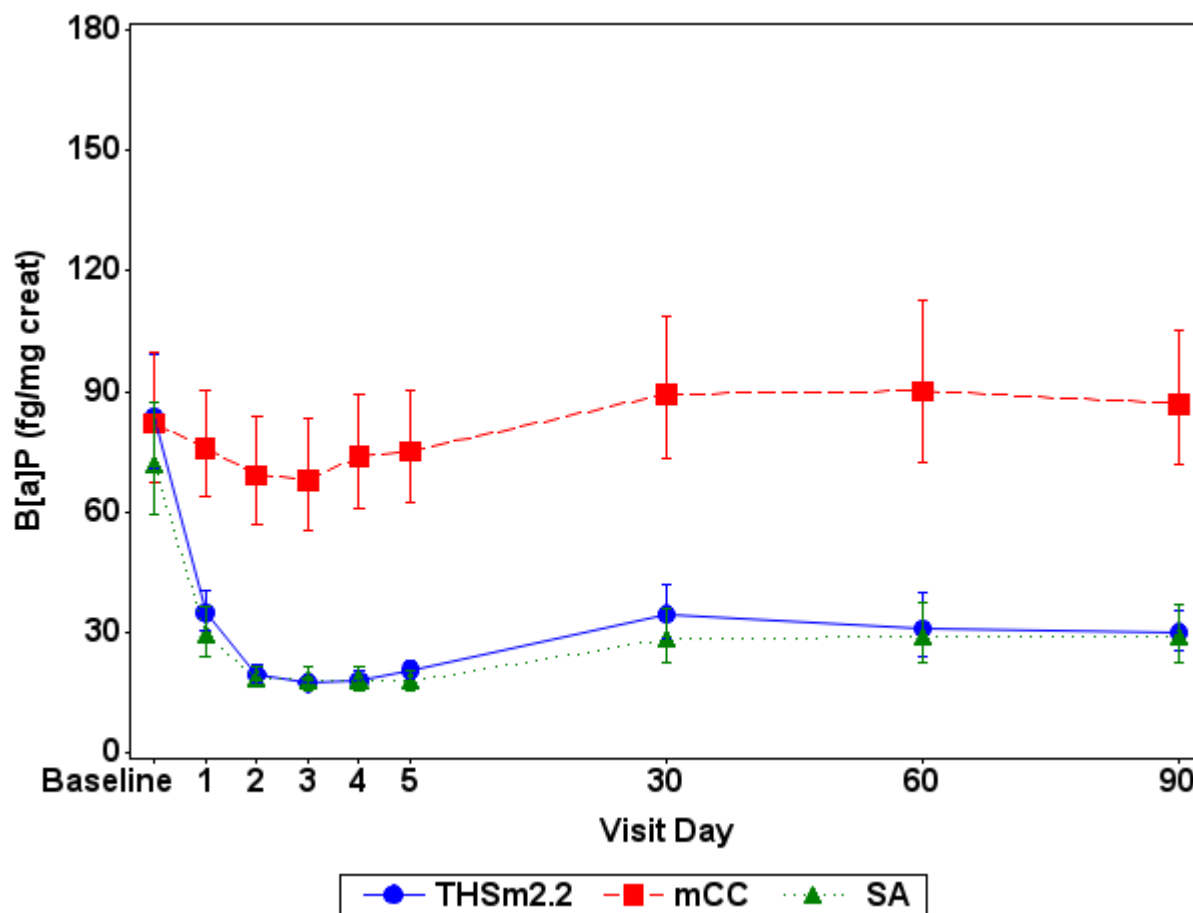
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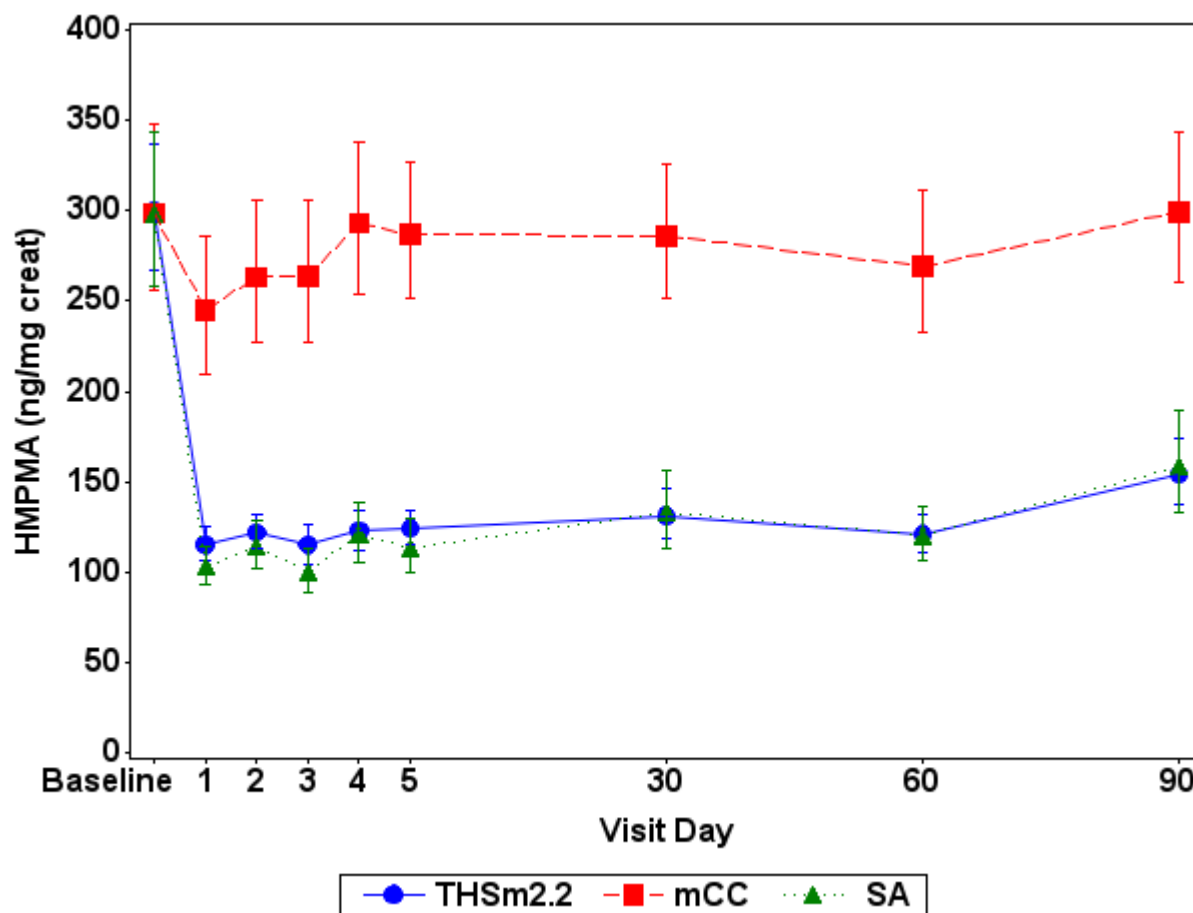
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Note: Arithmetic mean and 95% CI are plotted for Exhaled CO (ppm).

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**Figure 15.1.1.2 Biomarkers of Exposure Geometric Mean and 95% CI - PP Set**

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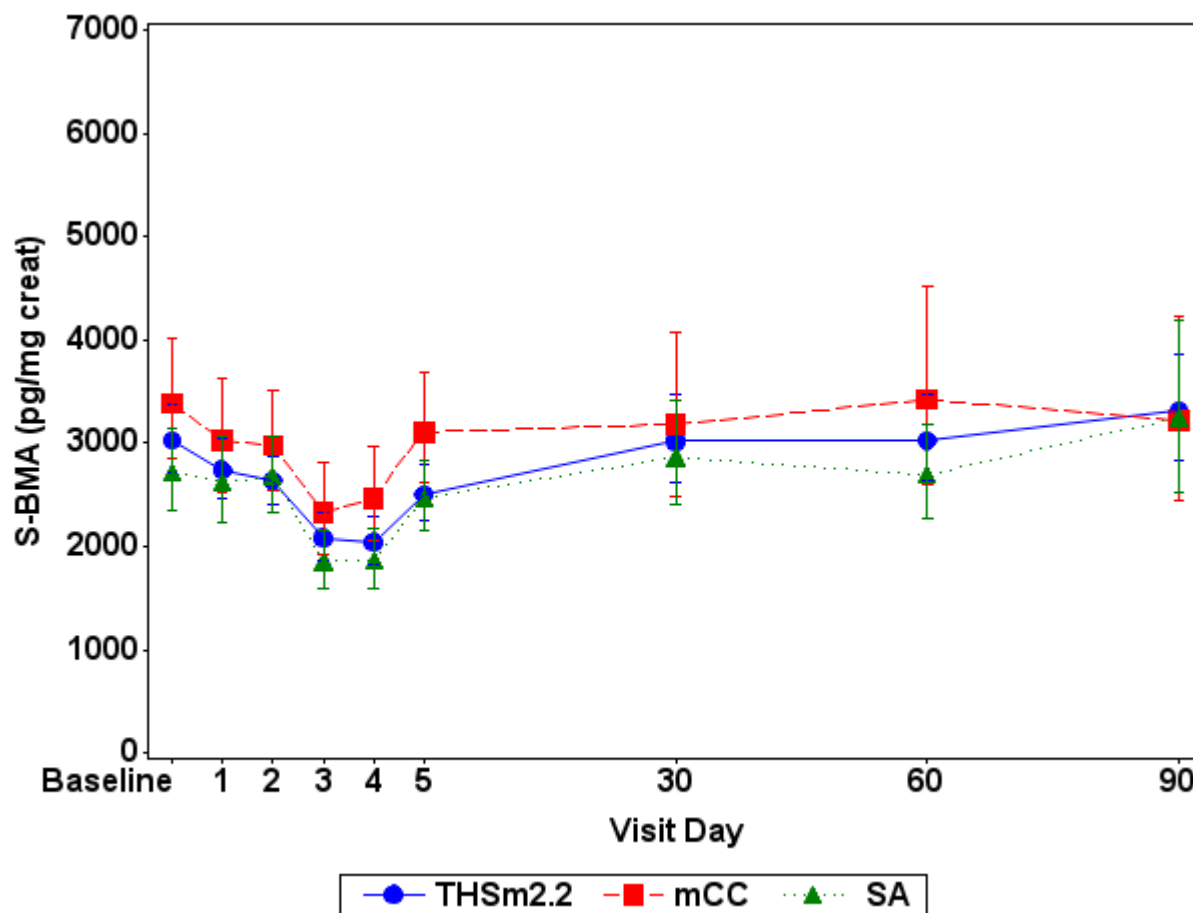
Baseline is summarized using the baseline data from the PP Set for Period 1.

Note: Arithmetic mean and 95% CI are plotted for Exhaled CO (ppm).

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**Figure 15.1.1.2 Biomarkers of Exposure Geometric Mean and 95% CI - PP Set**

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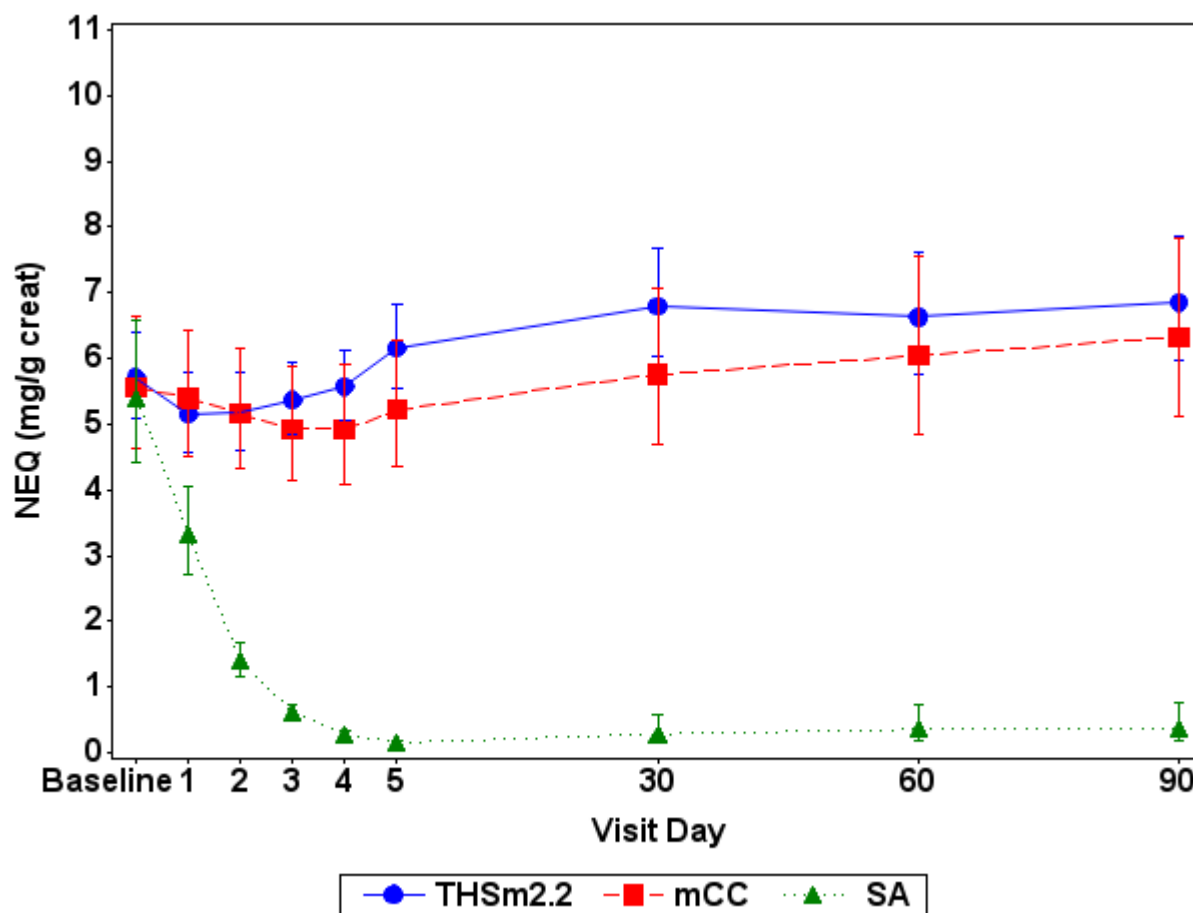
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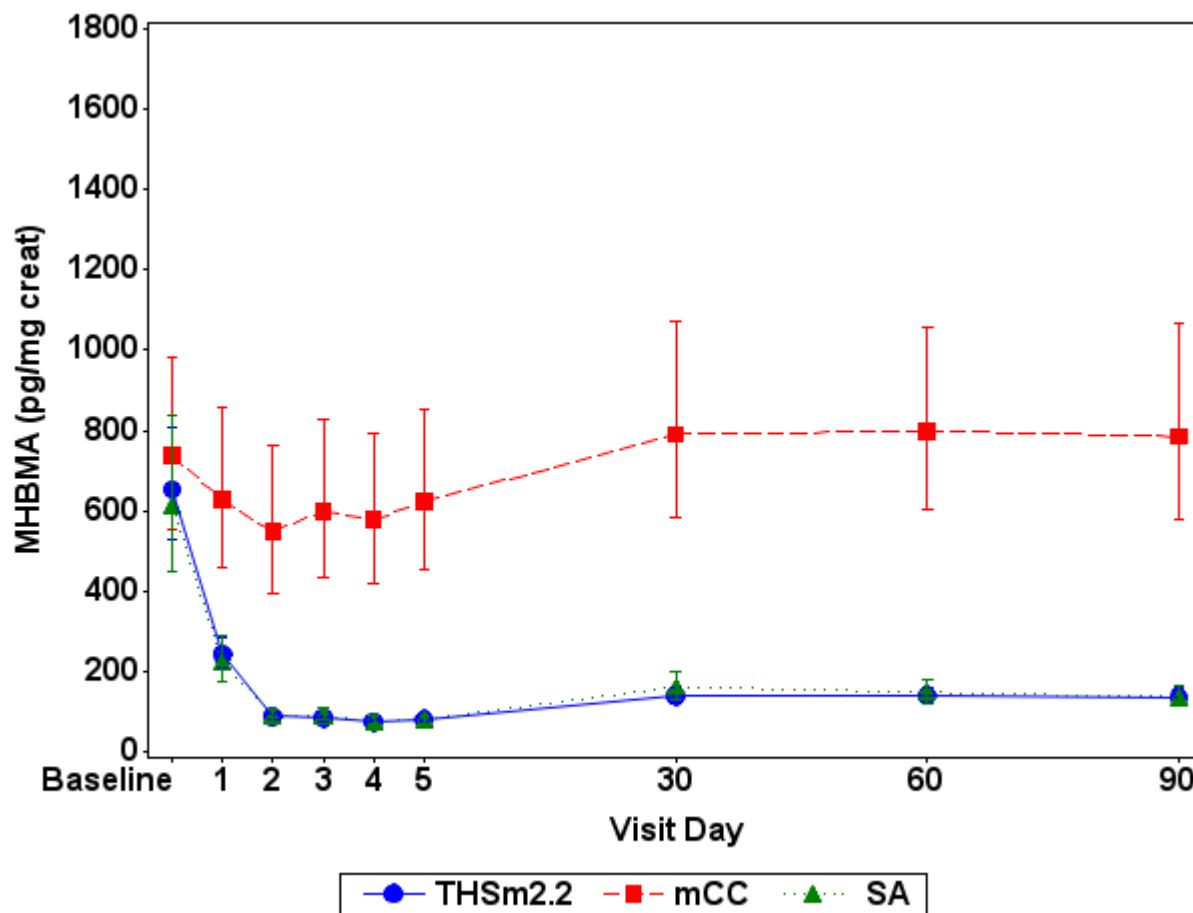
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Figure 15.1.1.3 Biomarkers of Exposure Geometric Mean and 95% CI for the Primary Objective - Compliant Population



Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the Compliant Population for Period 1.

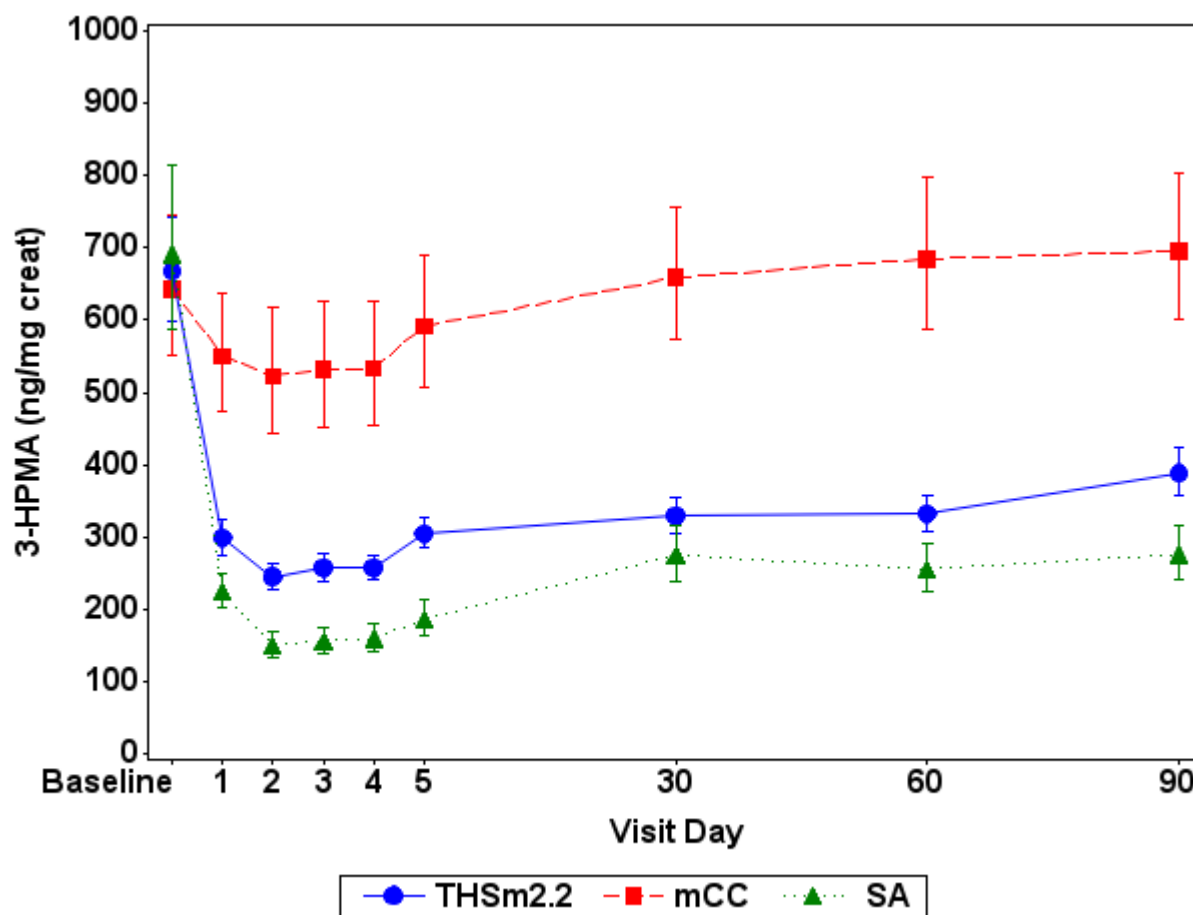
Appendix: 15.2.4.xx.3 with xx in 1-5

Study ID: ZRHM-REXA-07-JP

Program: f15010103-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 1 of 5



Figure 15.1.1.3 Biomarkers of Exposure Geometric Mean and 95% CI for the Primary Objective - Compliant Population



Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the Compliant Population for Period 1.

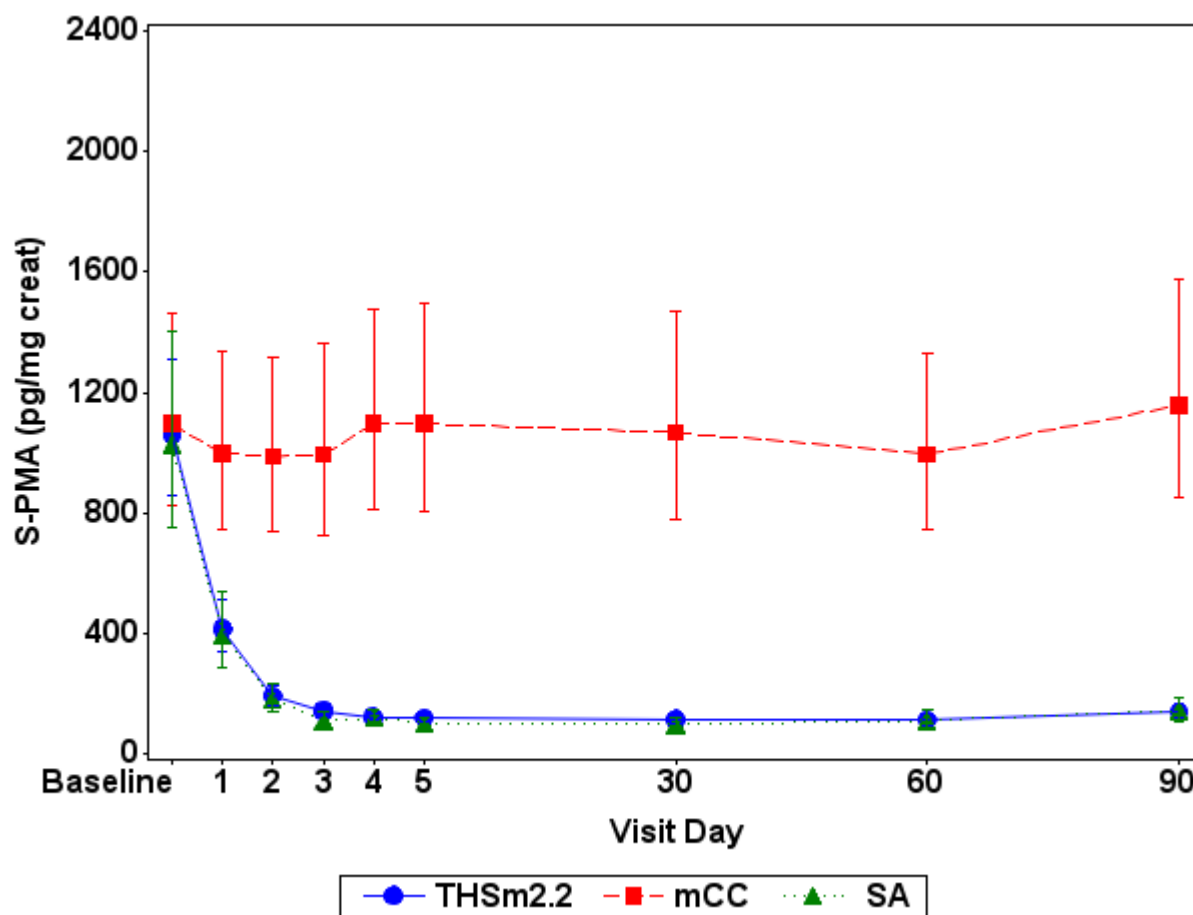
Appendix: 15.2.4.xx.3 with xx in 1-5

Study ID: ZRHM-REXA-07-JP

Program: f15010103-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 2 of 5



Figure 15.1.1.3 Biomarkers of Exposure Geometric Mean and 95% CI for the Primary Objective - Compliant Population



Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the Compliant Population for Period 1.

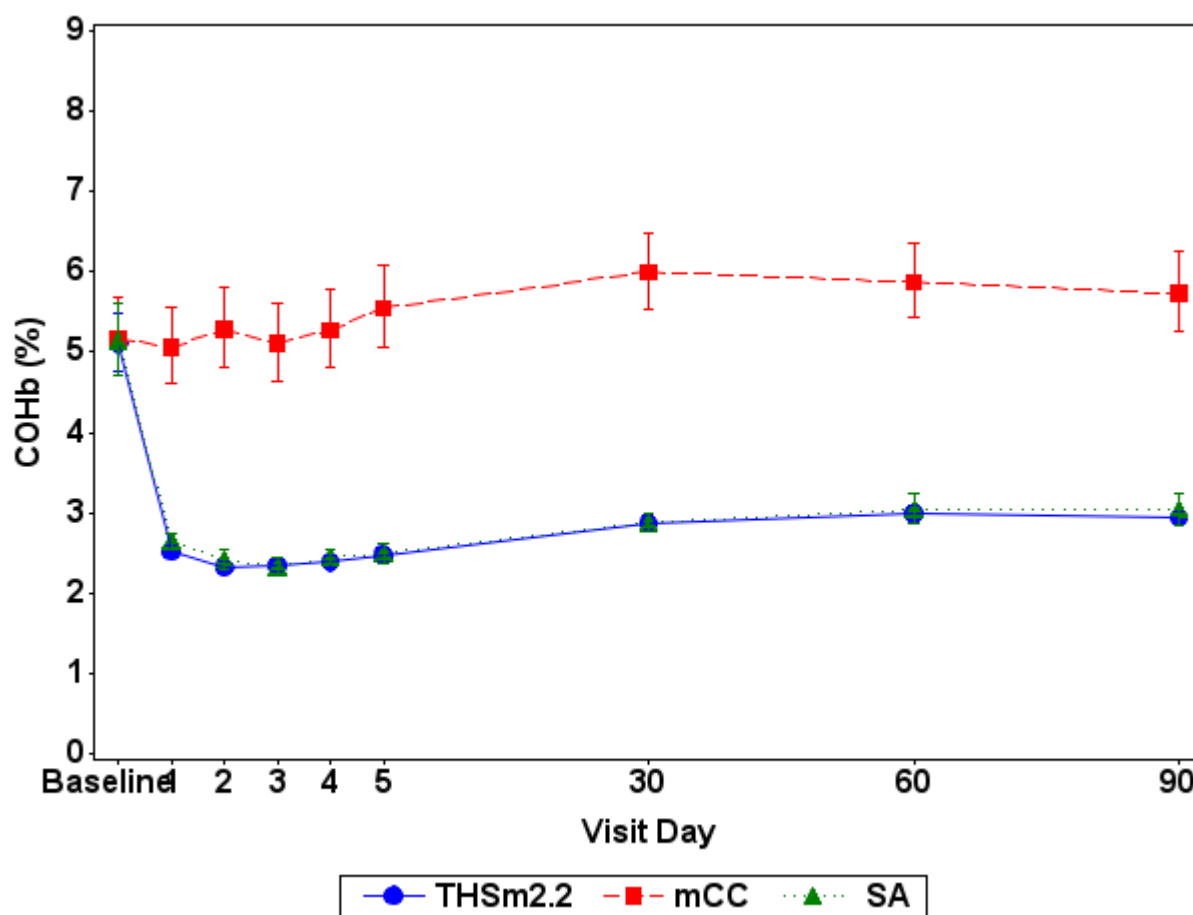
Appendix: 15.2.4.xx.3 with xx in 1-5

Study ID: ZRHM-REXA-07-JP

Program: f15010103-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 3 of 5



Figure 15.1.1.3 Biomarkers of Exposure Geometric Mean and 95% CI for the Primary Objective - Compliant Population



Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the Compliant Population for Period 1.

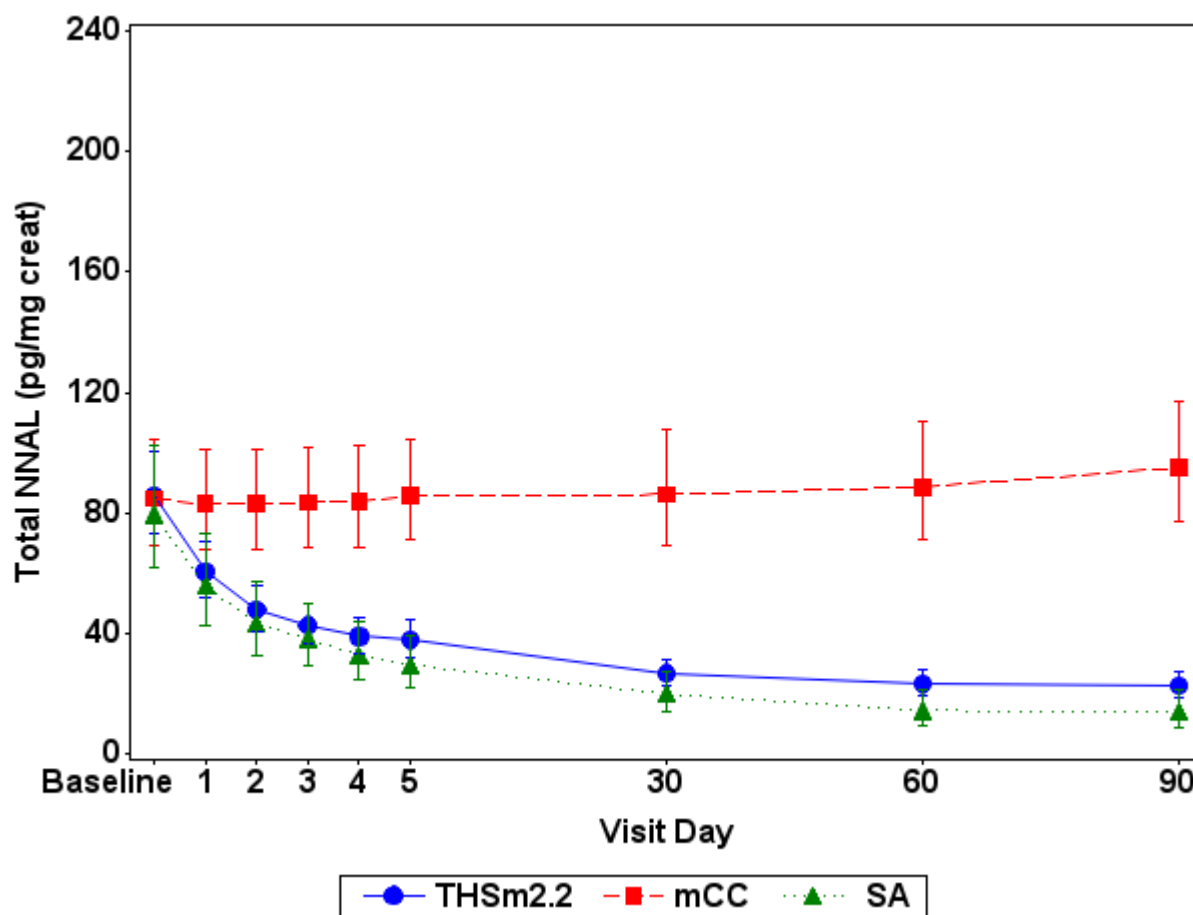
Appendix: 15.2.4.xx.3 with xx in 1-5

Study ID: ZRHM-REXA-07-JP

Program: f15010103-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 4 of 5



Figure 15.1.1.3 Biomarkers of Exposure Geometric Mean and 95% CI for the Primary Objective - Compliant Population



Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

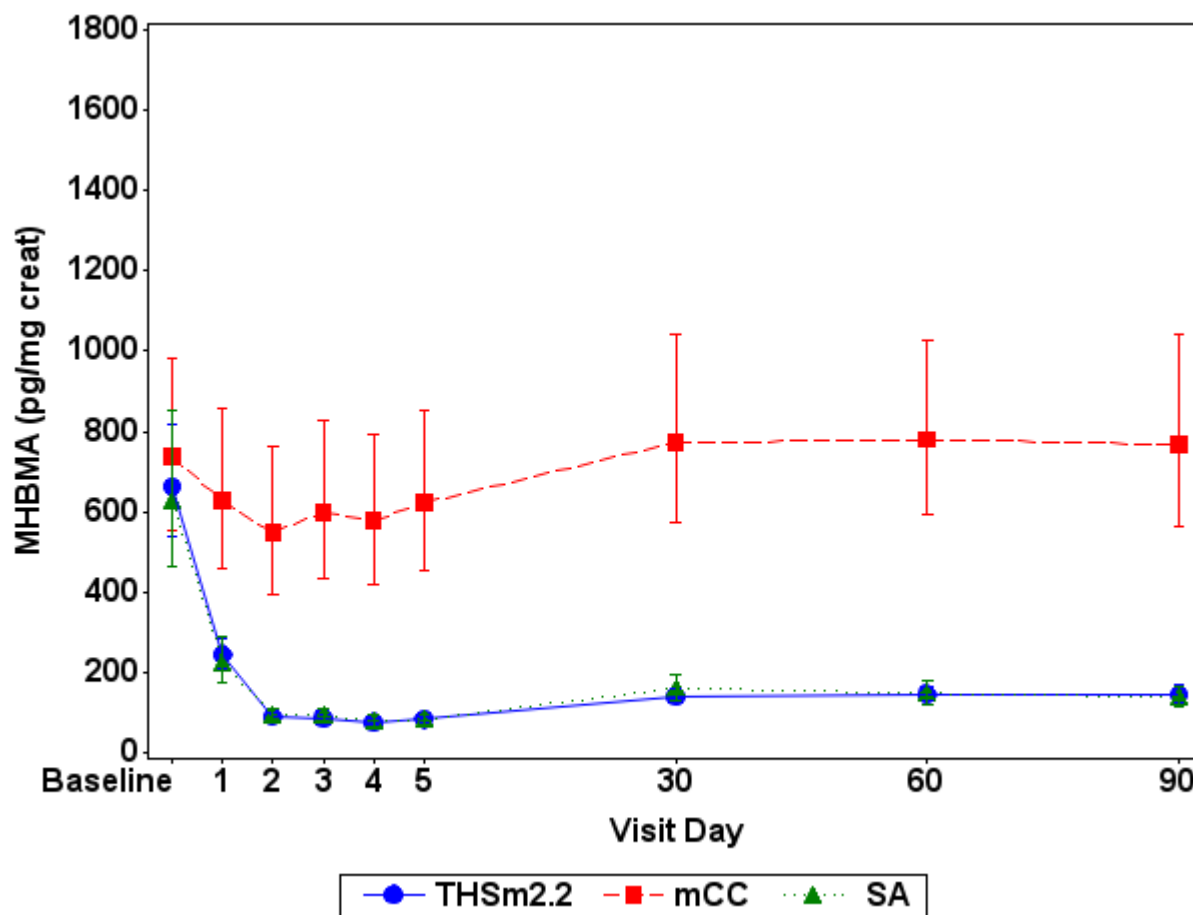
Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the Compliant Population for Period 1.

Appendix: 15.2.4.xx.3 with xx in 1-5

Study ID: ZRHM-REXA-07-JP

Program: f15010103-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 5 of 5

**Figure 15.1.1.4 Biomarkers of Exposure Geometric Mean and 95% CI - FAS**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Note: Arithmetic mean and 95% CI are plotted for Exhaled CO (ppm).

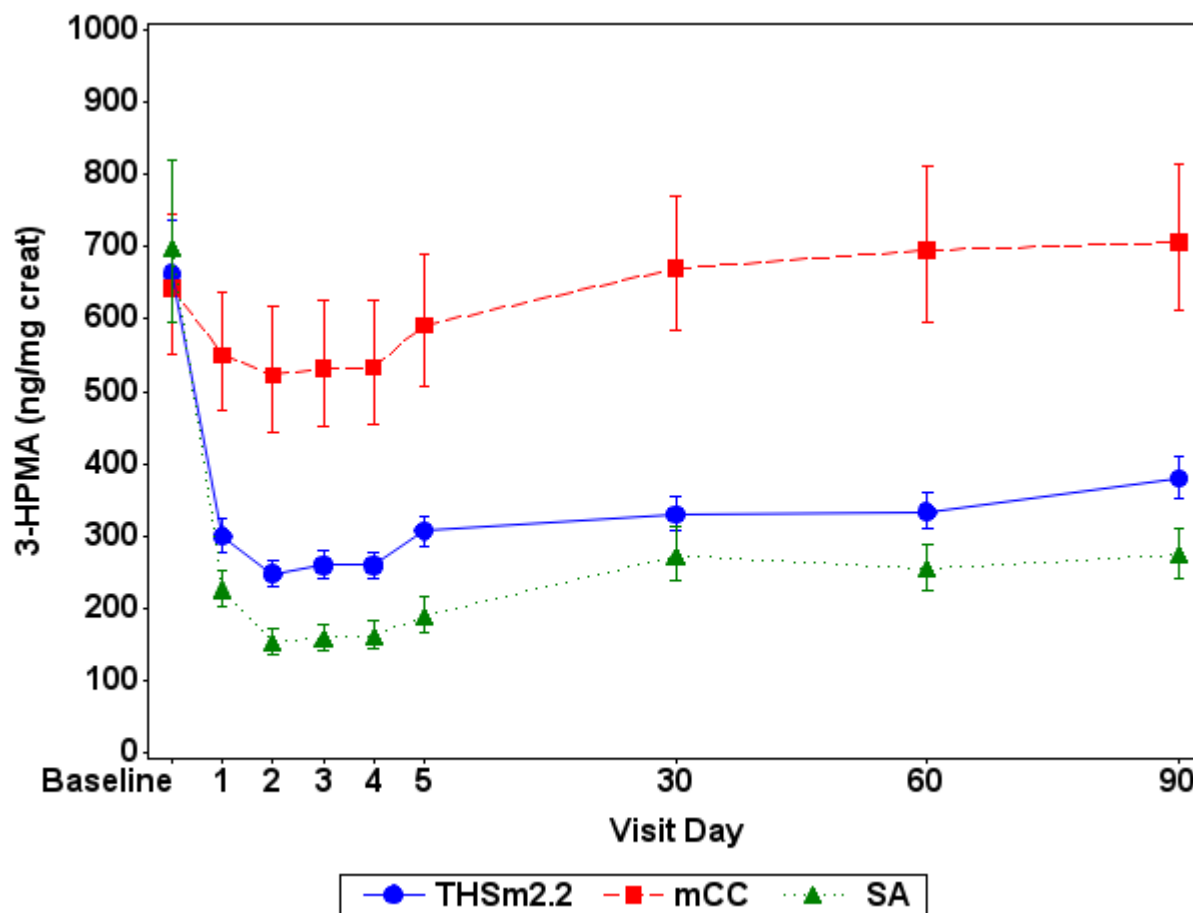
Appendix: 15.2.4.xx.2, with xx in 1- 18

Study ID: ZRHM-REXA-07-JP

Program: f15010104-ZRHM-REXA-07-JP-v3.0.sas

Status: Final/03AUG2015

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**Figure 15.1.1.4 Biomarkers of Exposure Geometric Mean and 95% CI - FAS**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

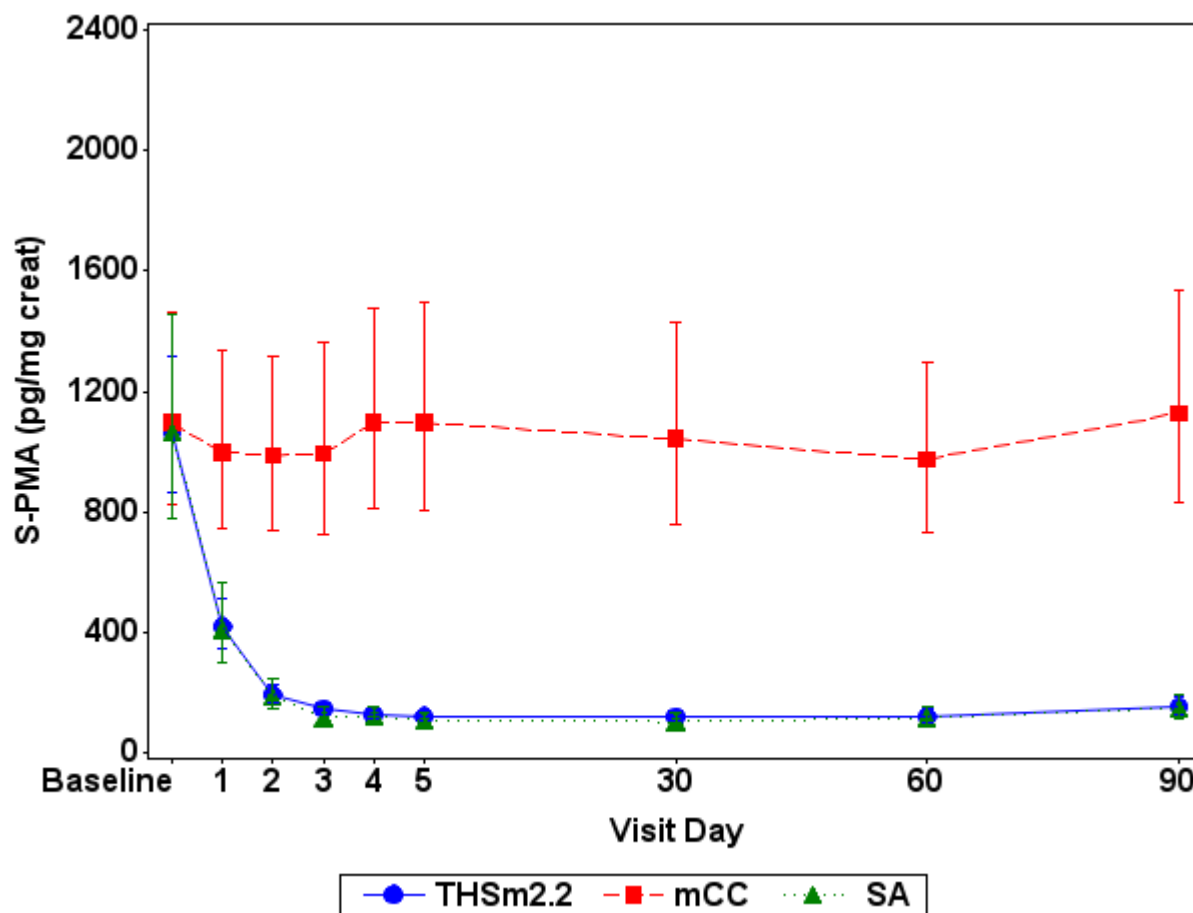
Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Note: Arithmetic mean and 95% CI are plotted for Exhaled CO (ppm).

Appendix: 15.2.4.xx.2, with xx in 1- 18

Study ID: ZRHM-REXA-07-JP

Program: f15010104-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 2 of 18

**Figure 15.1.1.4 Biomarkers of Exposure Geometric Mean and 95% CI - FAS**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

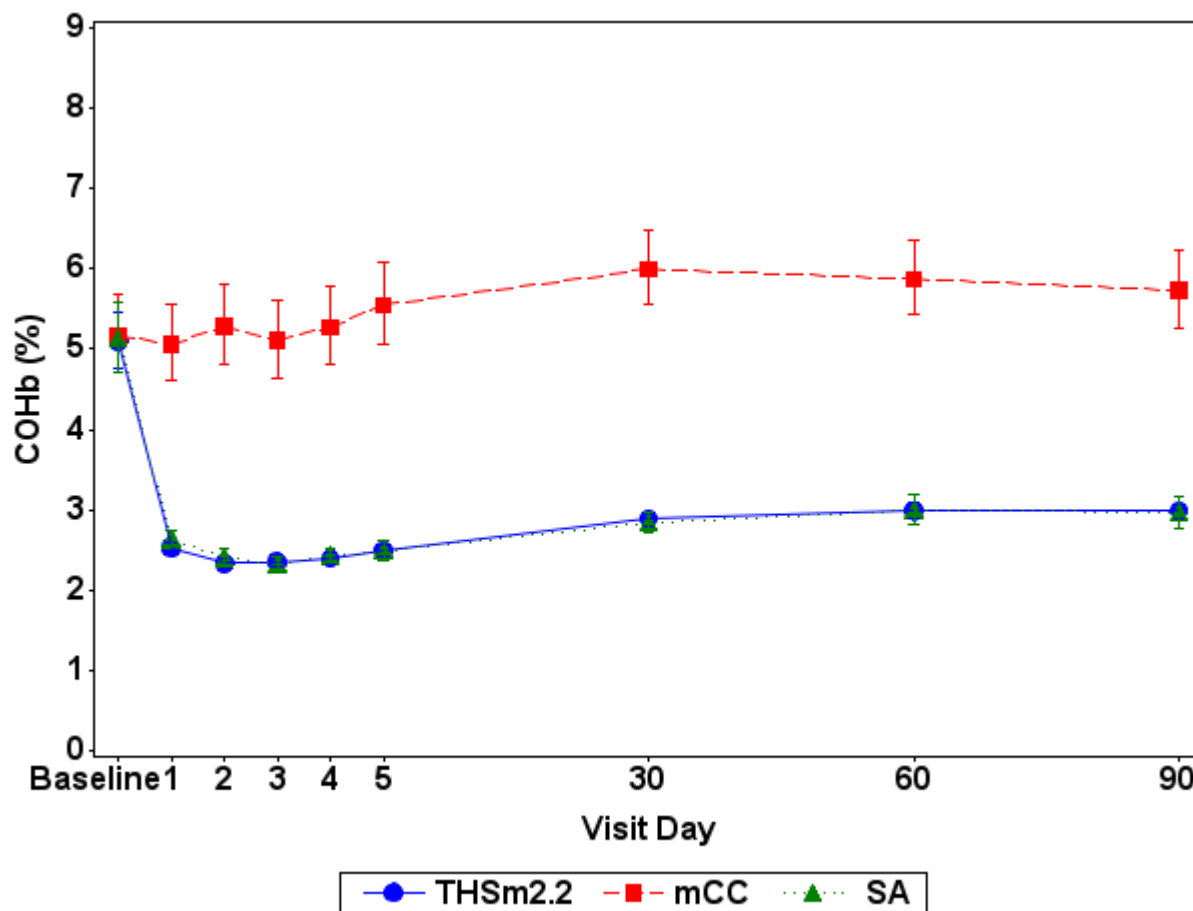
Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Note: Arithmetic mean and 95% CI are plotted for Exhaled CO (ppm).

Appendix: 15.2.4.xx.2, with xx in 1- 18

Study ID: ZRHM-REXA-07-JP

Program: f15010104-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 3 of 18

**Figure 15.1.1.4 Biomarkers of Exposure Geometric Mean and 95% CI - FAS**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

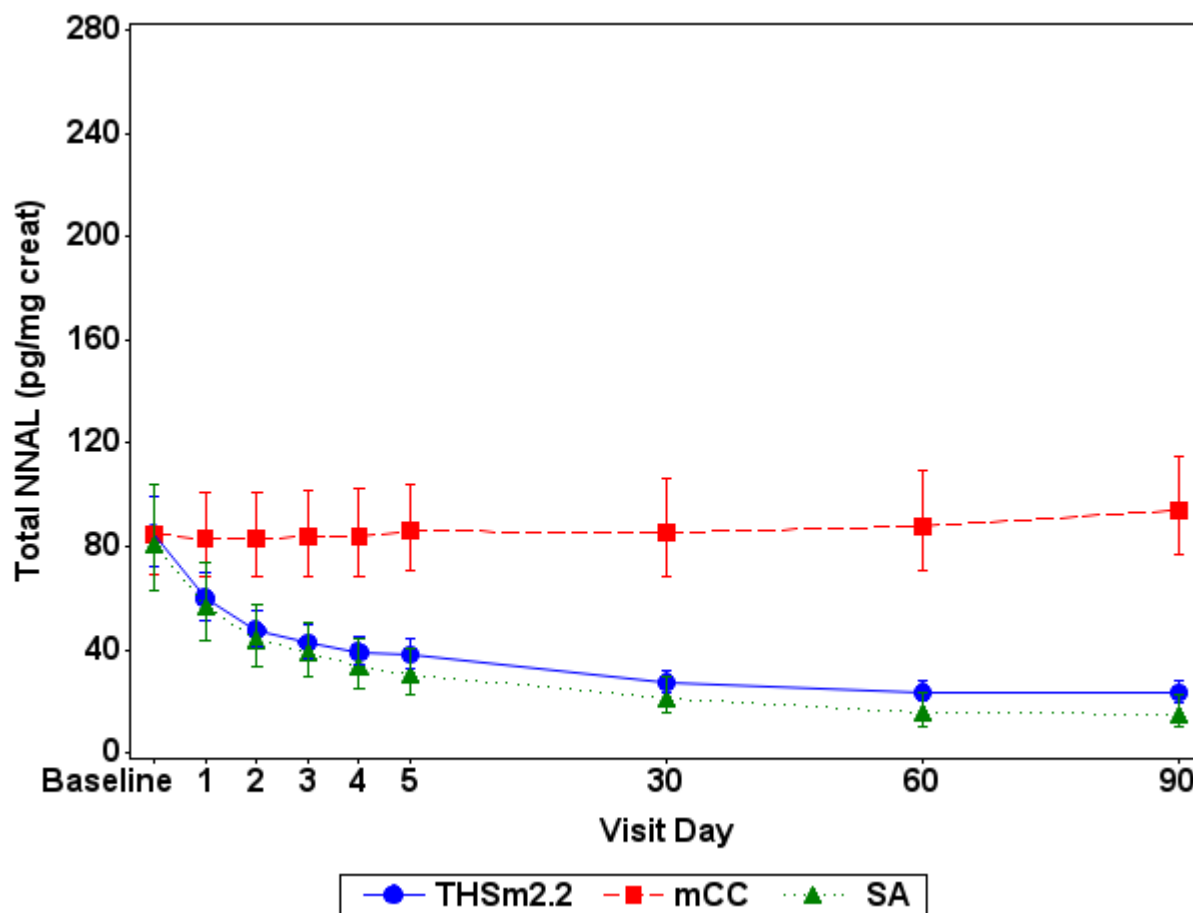
Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Note: Arithmetic mean and 95% CI are plotted for Exhaled CO (ppm).

Appendix: 15.2.4.xx.2, with xx in 1- 18

Study ID: ZRHM-REXA-07-JP

Program: f15010104-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 4 of 18

**Figure 15.1.1.4 Biomarkers of Exposure Geometric Mean and 95% CI - FAS**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

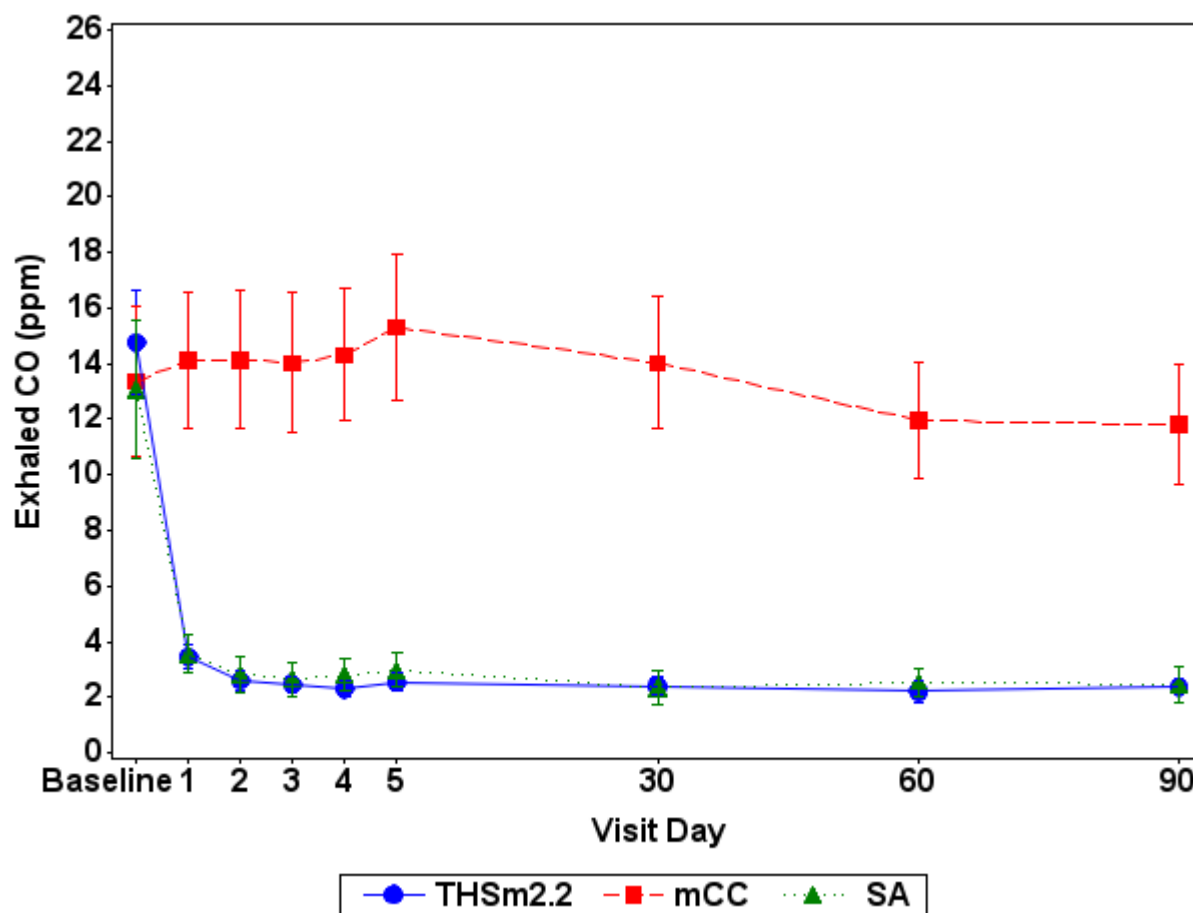
Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Note: Arithmetic mean and 95% CI are plotted for Exhaled CO (ppm).

Appendix: 15.2.4.xx.2, with xx in 1- 18

Study ID: ZRHM-REXA-07-JP

Program: f15010104-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 5 of 18

**Figure 15.1.1.4 Biomarkers of Exposure Geometric Mean and 95% CI - FAS**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

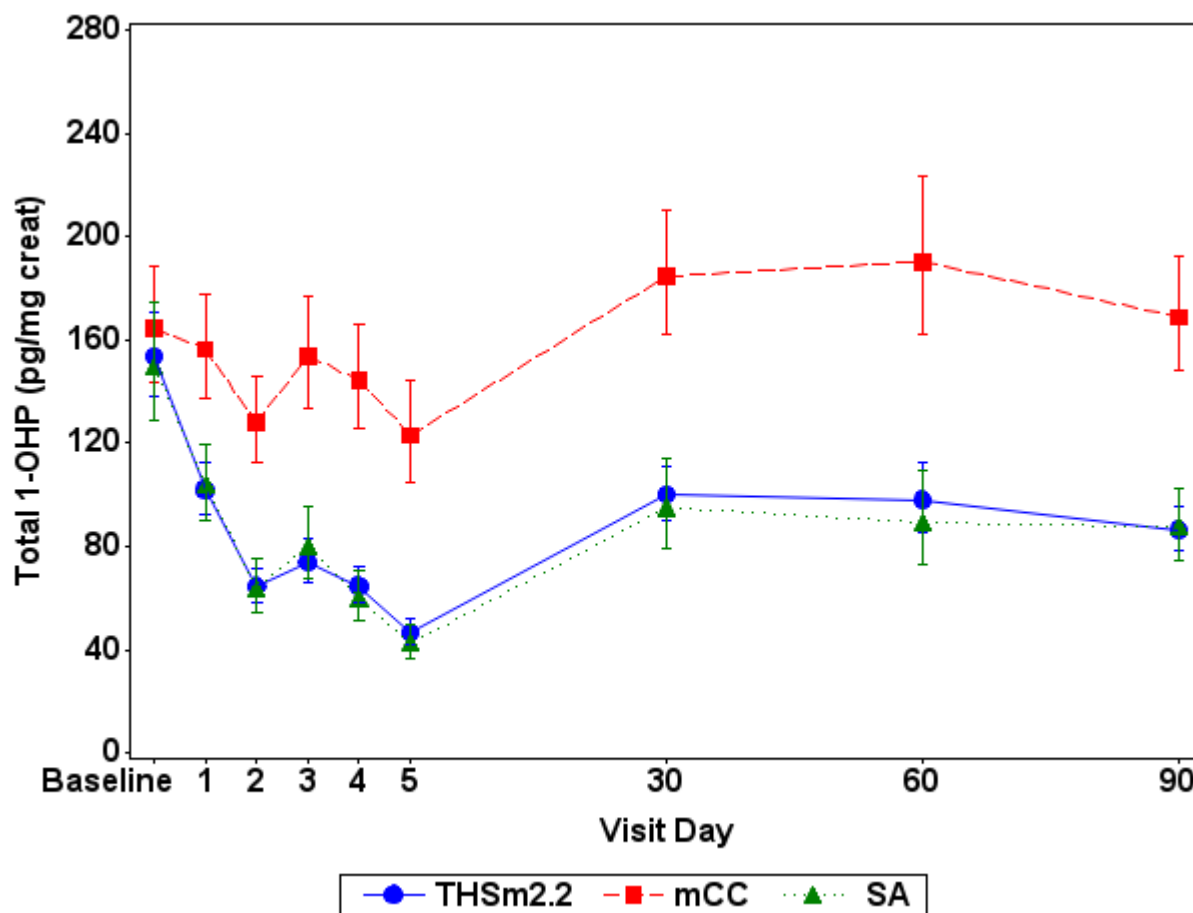
Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Note: Arithmetic mean and 95% CI are plotted for Exhaled CO (ppm).

Appendix: 15.2.4.xx.2, with xx in 1- 18

Study ID: ZRHM-REXA-07-JP

Program: f15010104-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 6 of 18

**Figure 15.1.1.4 Biomarkers of Exposure Geometric Mean and 95% CI - FAS**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

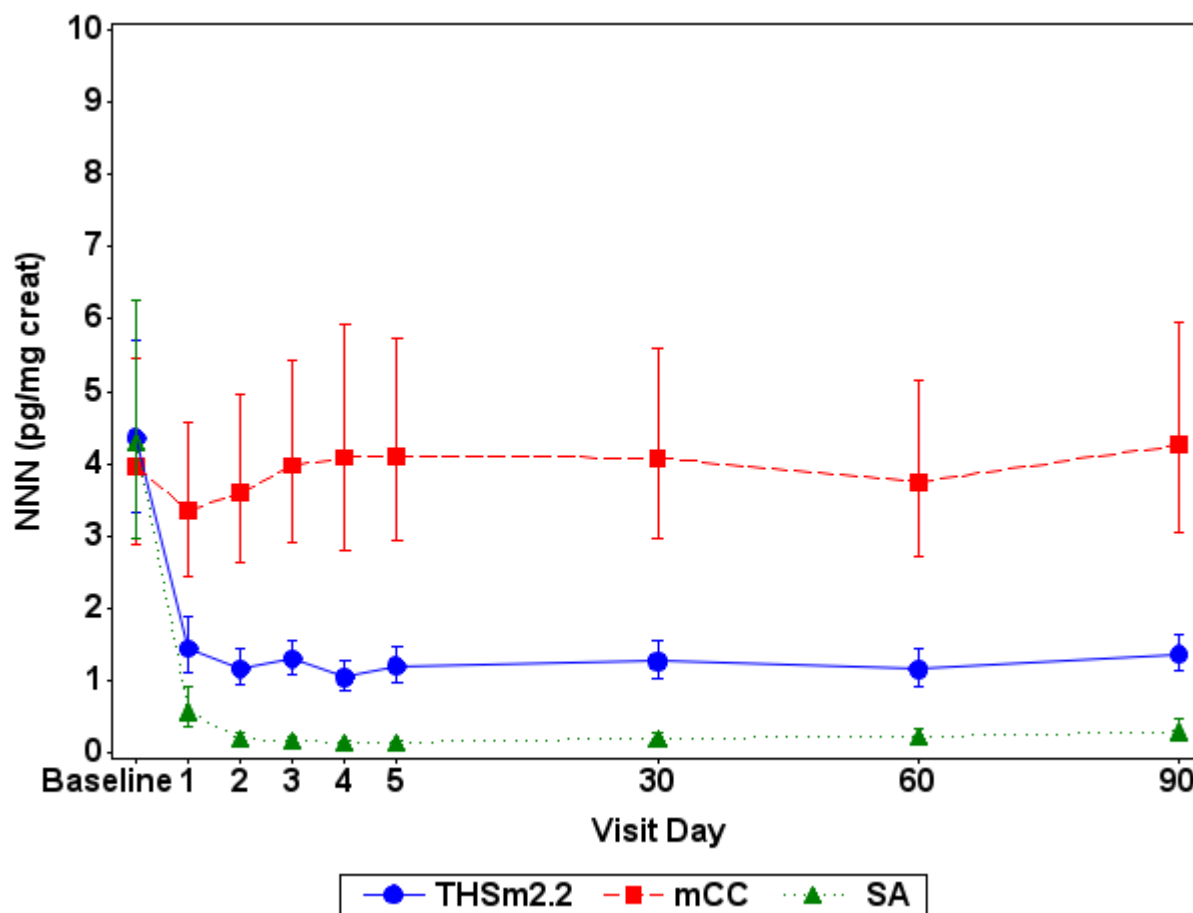
Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Note: Arithmetic mean and 95% CI are plotted for Exhaled CO (ppm).

Appendix: 15.2.4.xx.2, with xx in 1- 18

Study ID: ZRHM-REXA-07-JP

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**Figure 15.1.1.4 Biomarkers of Exposure Geometric Mean and 95% CI - FAS**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

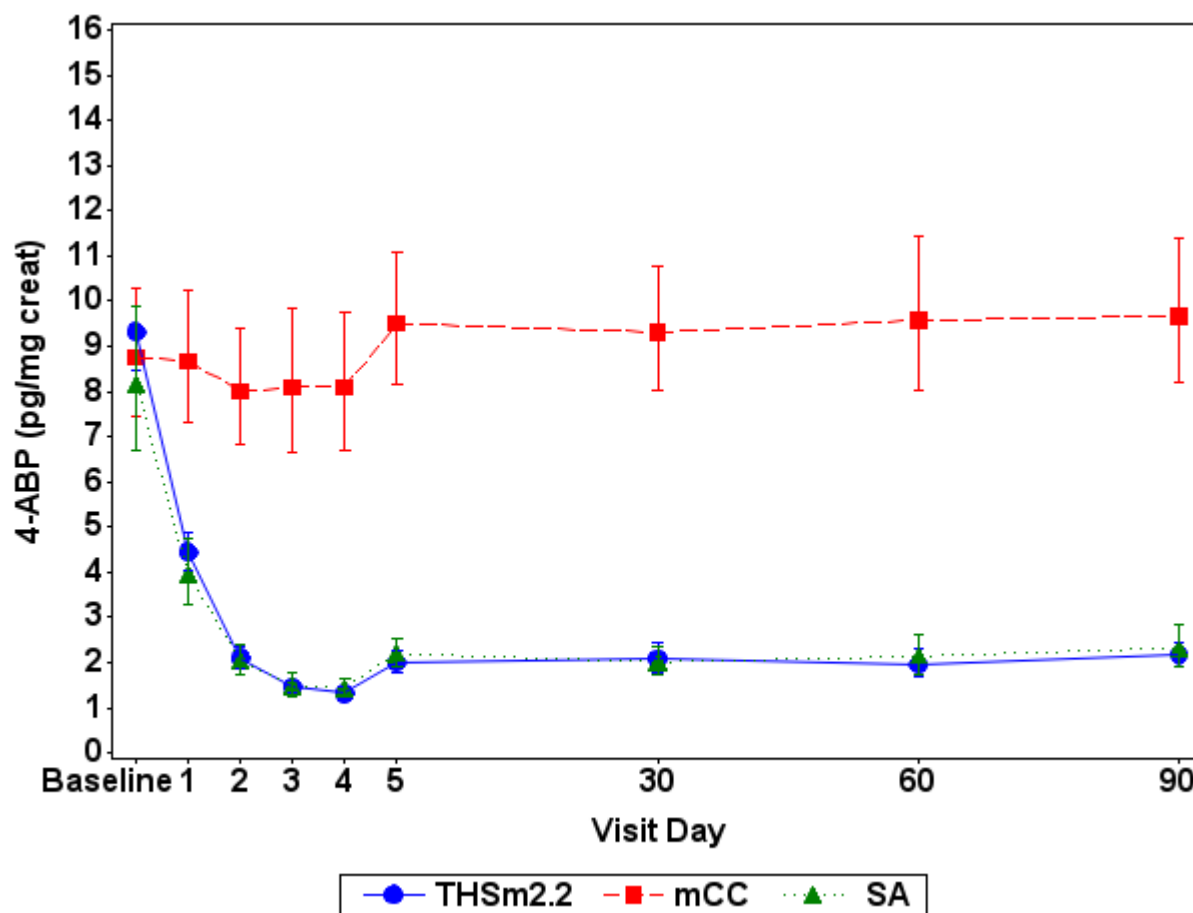
Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Note: Arithmetic mean and 95% CI are plotted for Exhaled CO (ppm).

Appendix: 15.2.4.xx.2, with xx in 1- 18

Study ID: ZRHM-REXA-07-JP

Program: f15010104-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 8 of 18

**Figure 15.1.1.4 Biomarkers of Exposure Geometric Mean and 95% CI - FAS**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

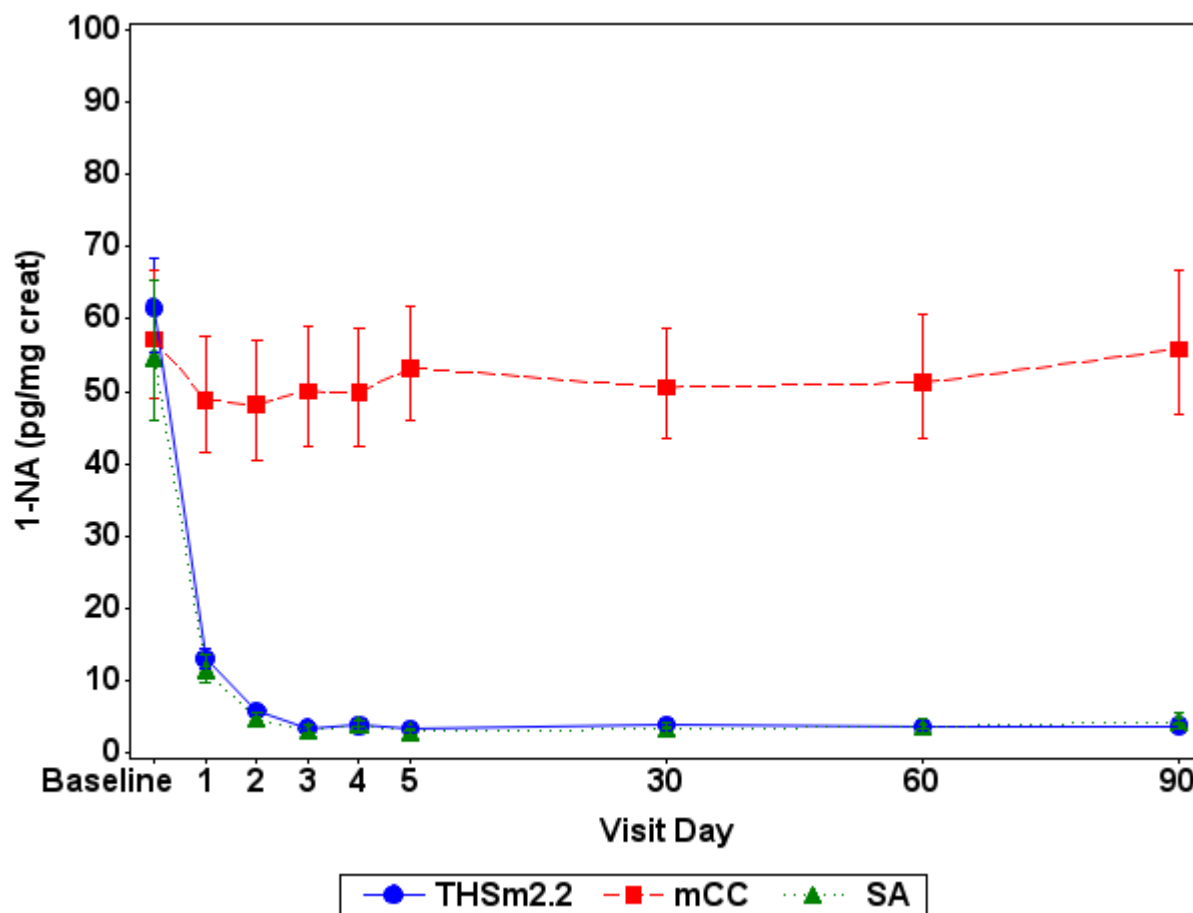
Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Note: Arithmetic mean and 95% CI are plotted for Exhaled CO (ppm).

Appendix: 15.2.4.xx.2, with xx in 1- 18

Study ID: ZRHM-REXA-07-JP

Program: f15010104-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 9 of 18

**Figure 15.1.1.4 Biomarkers of Exposure Geometric Mean and 95% CI - FAS**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

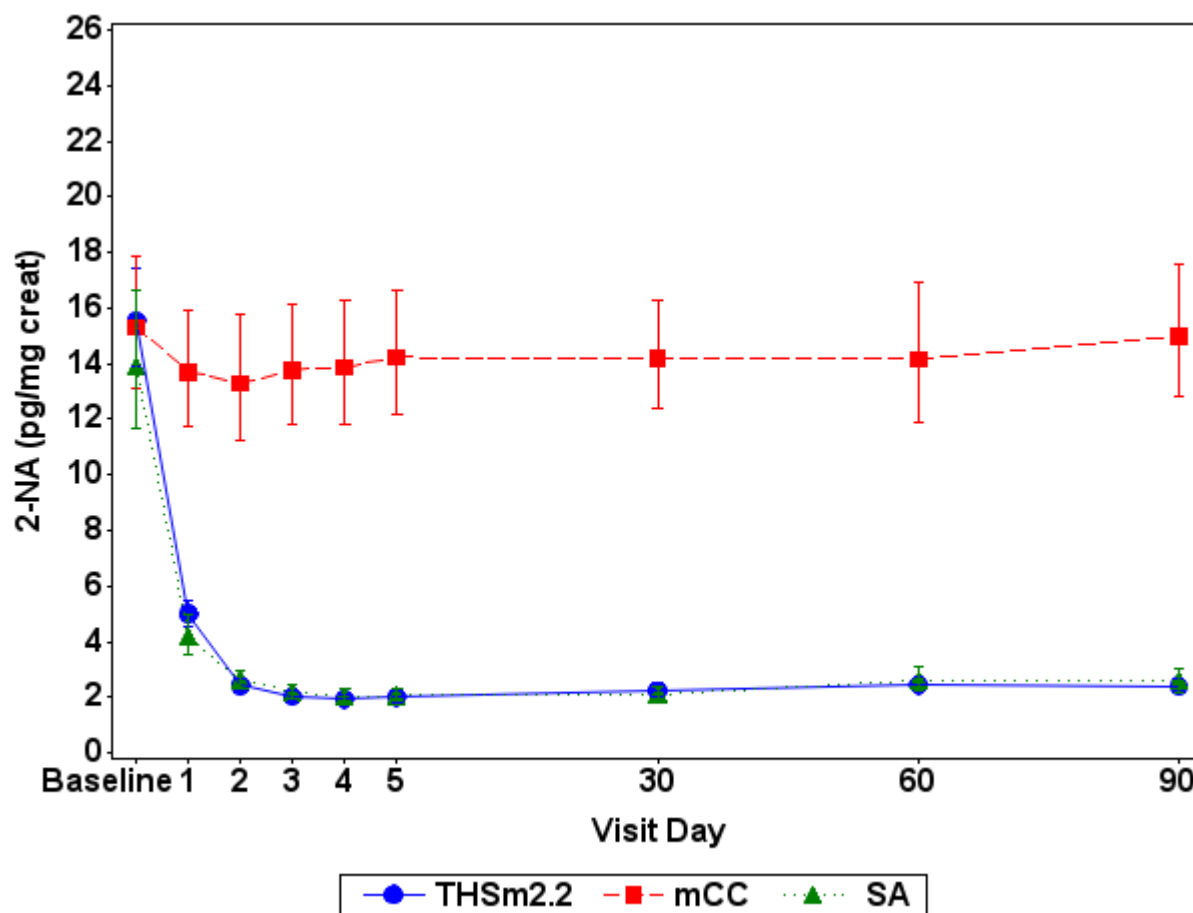
Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Note: Arithmetic mean and 95% CI are plotted for Exhaled CO (ppm).

Appendix: 15.2.4.xx.2, with xx in 1- 18

Study ID: ZRHM-REXA-07-JP

Program: f15010104-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 10 of 18

**Figure 15.1.1.4 Biomarkers of Exposure Geometric Mean and 95% CI - FAS**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

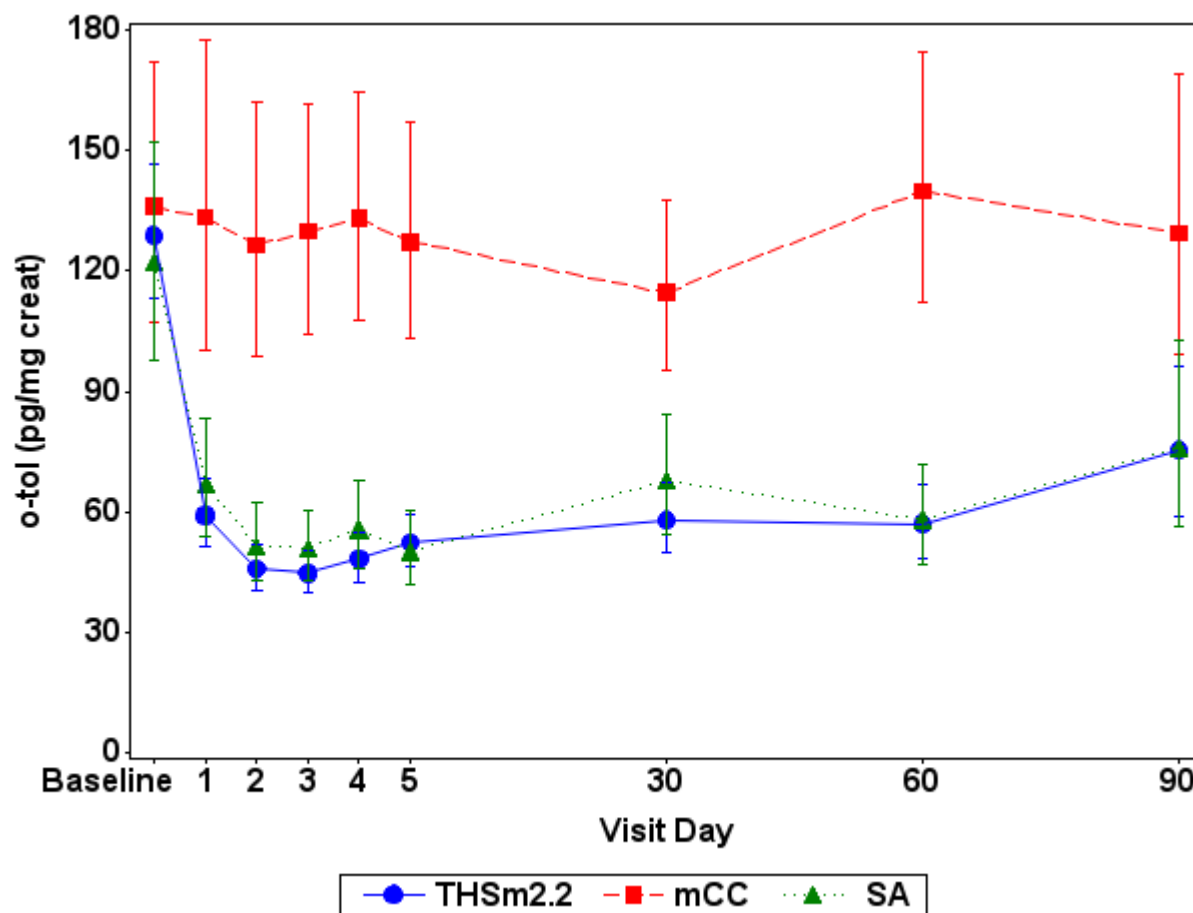
Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Note: Arithmetic mean and 95% CI are plotted for Exhaled CO (ppm).

Appendix: 15.2.4.xx.2, with xx in 1- 18

Study ID: ZRHM-REXA-07-JP

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**Figure 15.1.1.4 Biomarkers of Exposure Geometric Mean and 95% CI - FAS**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

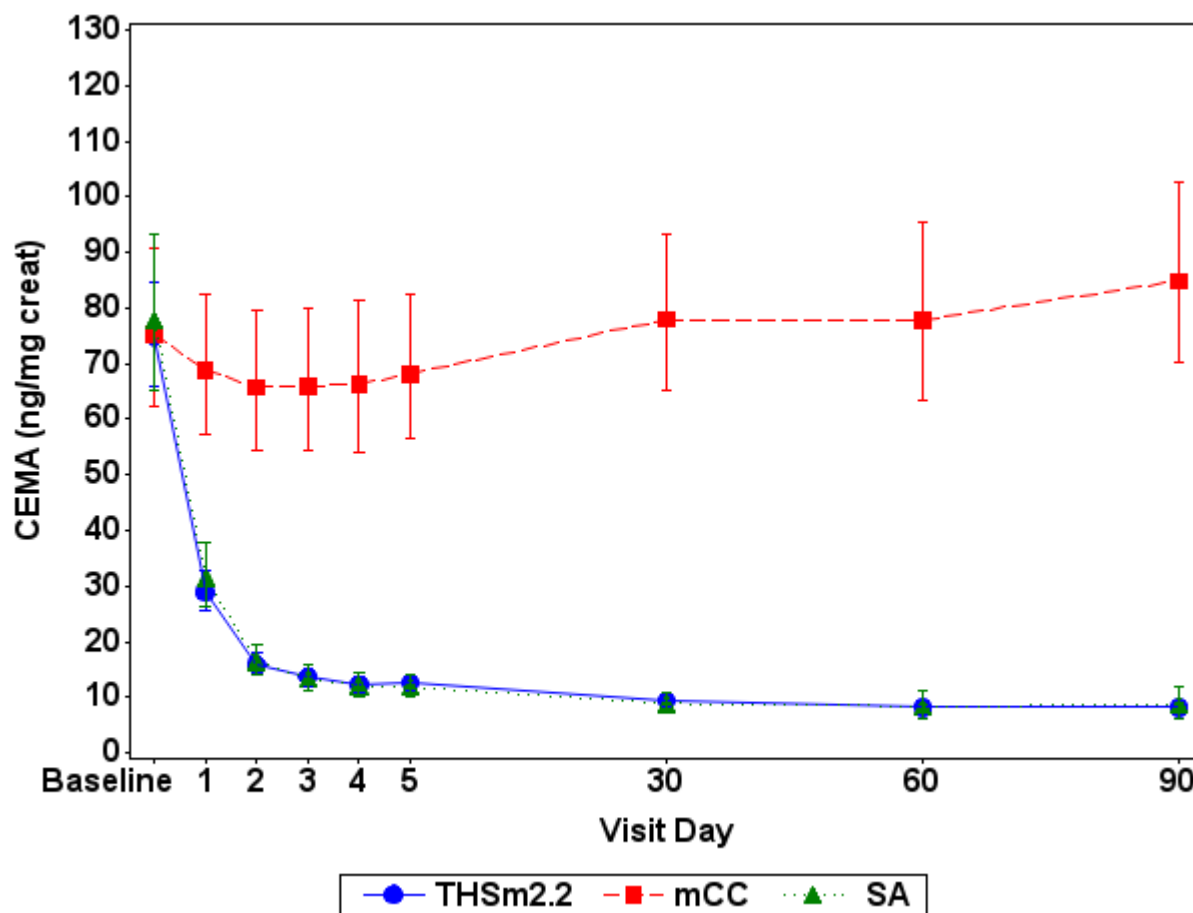
Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Note: Arithmetic mean and 95% CI are plotted for Exhaled CO (ppm).

Appendix: 15.2.4.xx.2, with xx in 1- 18

Study ID: ZRHM-REXA-07-JP

Program: f15010104-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 12 of 18

**Figure 15.1.1.4 Biomarkers of Exposure Geometric Mean and 95% CI - FAS**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

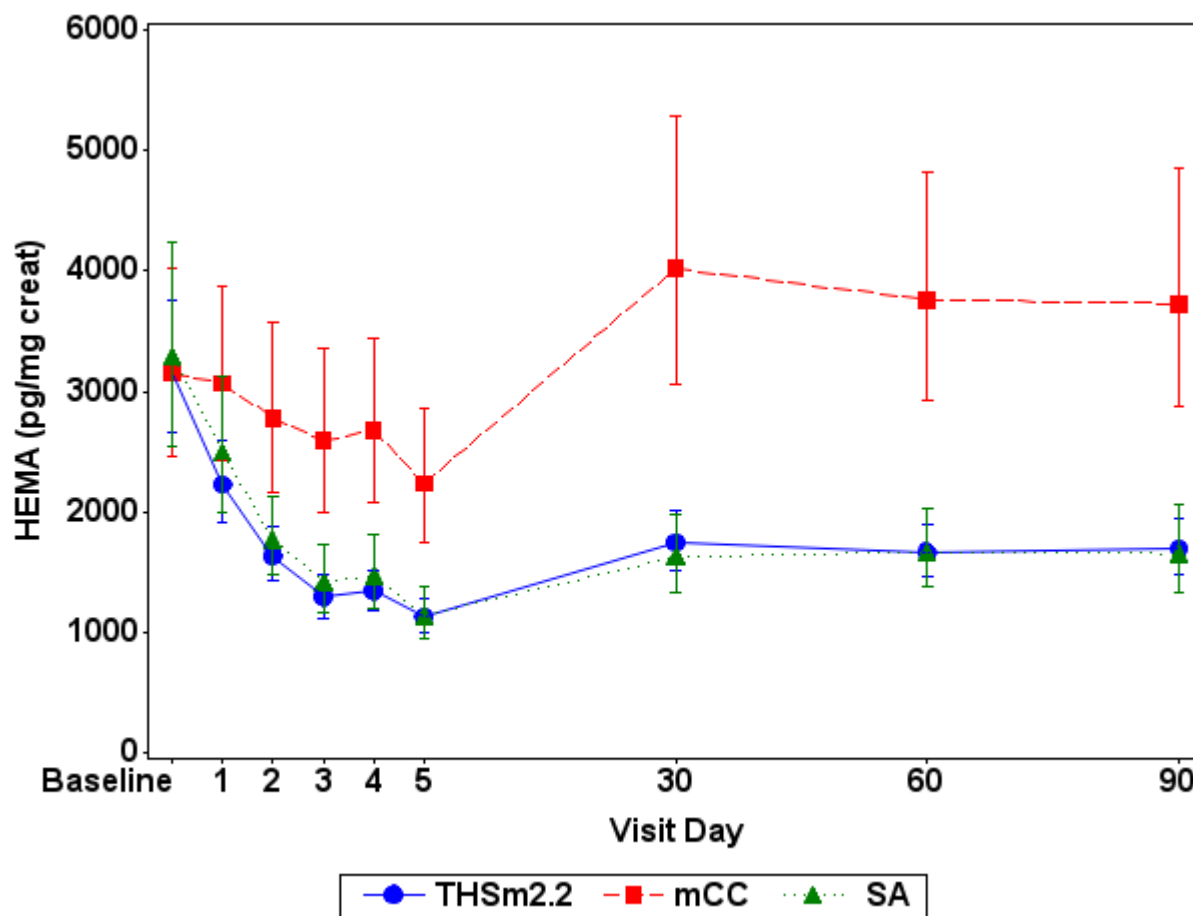
Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Note: Arithmetic mean and 95% CI are plotted for Exhaled CO (ppm).

Appendix: 15.2.4.xx.2, with xx in 1- 18

Study ID: ZRHM-REXA-07-JP

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**Figure 15.1.1.4 Biomarkers of Exposure Geometric Mean and 95% CI - FAS**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

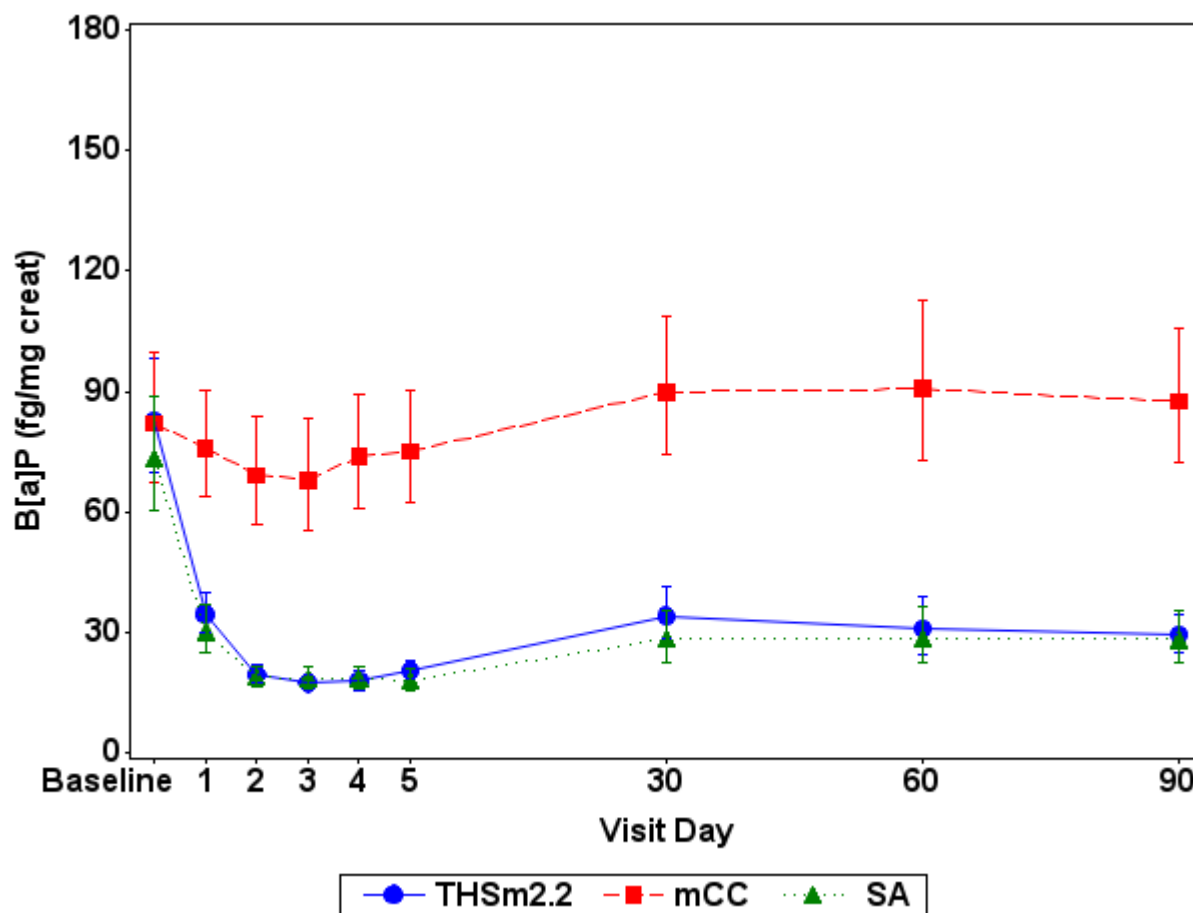
Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Note: Arithmetic mean and 95% CI are plotted for Exhaled CO (ppm).

Appendix: 15.2.4.xx.2, with xx in 1- 18

Study ID: ZRHM-REXA-07-JP

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**Figure 15.1.1.4 Biomarkers of Exposure Geometric Mean and 95% CI - FAS**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

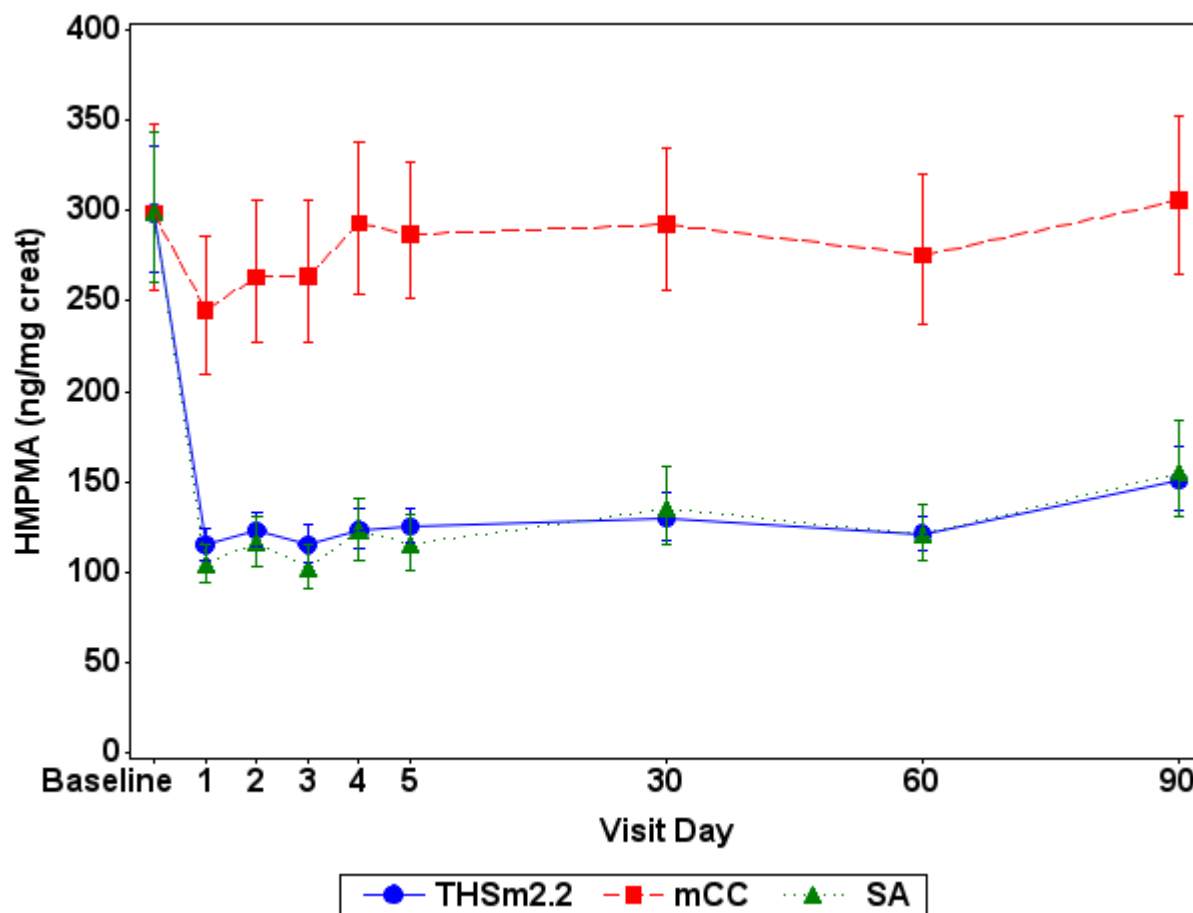
Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Note: Arithmetic mean and 95% CI are plotted for Exhaled CO (ppm).

Appendix: 15.2.4.xx.2, with xx in 1- 18

Study ID: ZRHM-REXA-07-JP

Program: f15010104-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 15 of 18

**Figure 15.1.1.4 Biomarkers of Exposure Geometric Mean and 95% CI - FAS**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

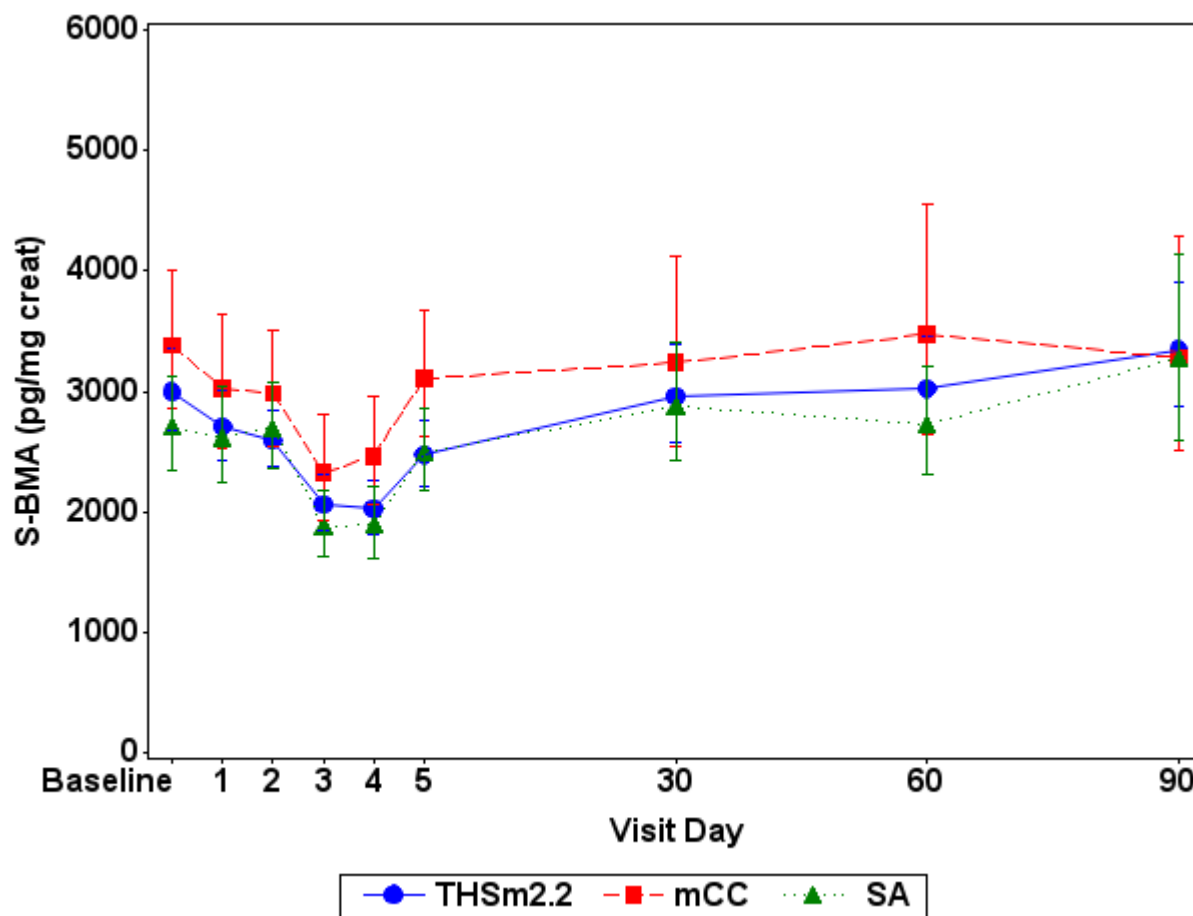
Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Note: Arithmetic mean and 95% CI are plotted for Exhaled CO (ppm).

Appendix: 15.2.4.xx.2, with xx in 1- 18

Study ID: ZRHM-REXA-07-JP

Program: f15010104-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 16 of 18

**Figure 15.1.1.4 Biomarkers of Exposure Geometric Mean and 95% CI - FAS**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

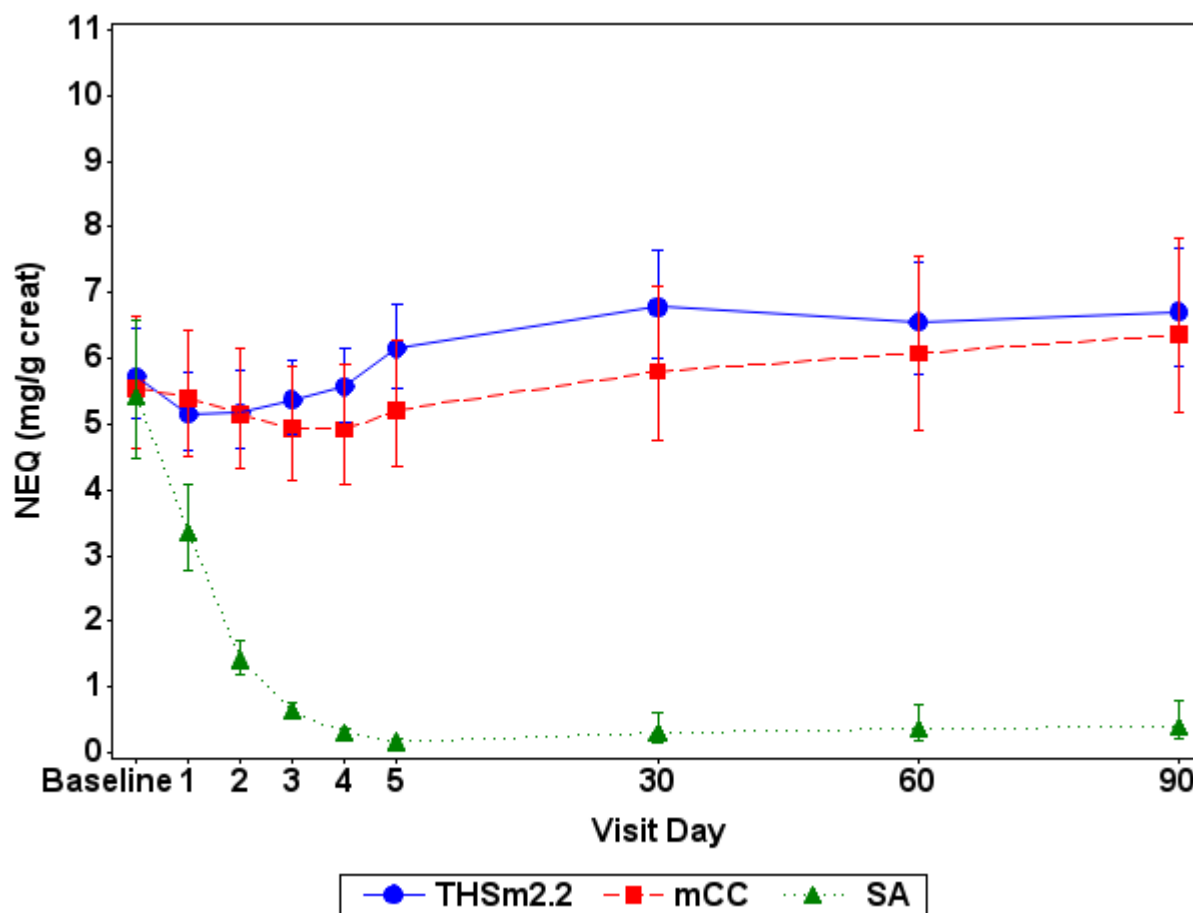
Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Note: Arithmetic mean and 95% CI are plotted for Exhaled CO (ppm).

Appendix: 15.2.4.xx.2, with xx in 1- 18

Study ID: ZRHM-REXA-07-JP

Program: f15010104-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 17 of 18

**Figure 15.1.1.4 Biomarkers of Exposure Geometric Mean and 95% CI - FAS**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Note: Arithmetic mean and 95% CI are plotted for Exhaled CO (ppm).

Appendix: 15.2.4.xx.2, with xx in 1- 18

Study ID: ZRHM-REXA-07-JP

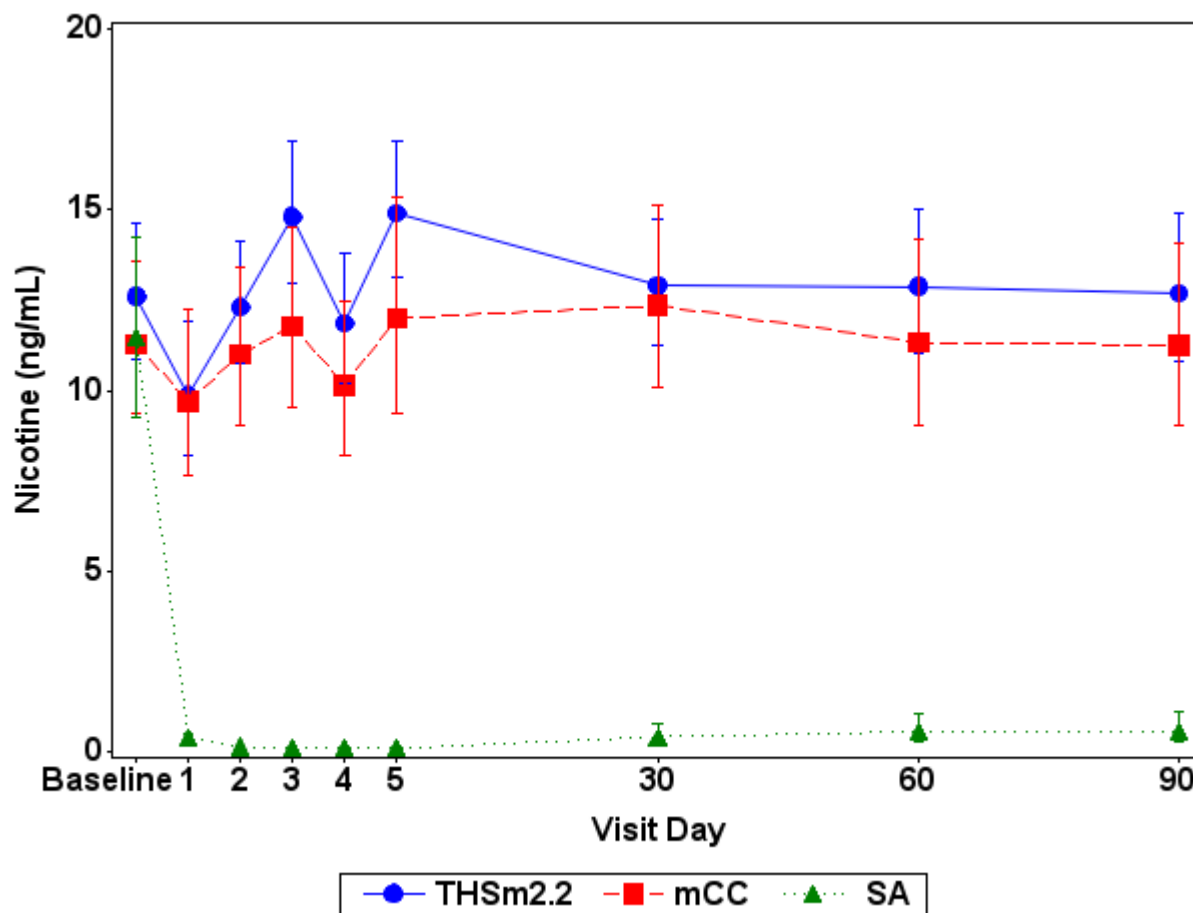
Program: f15010104-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 18 of 18



15.1.2 Secondary Endpoints



Figure 15.1.2.1.1 Plasma Nicotine and Cotinine Profile (ng/mL) Geometric Mean and 95% CI - PP Set



Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the PP Set for Period 1.

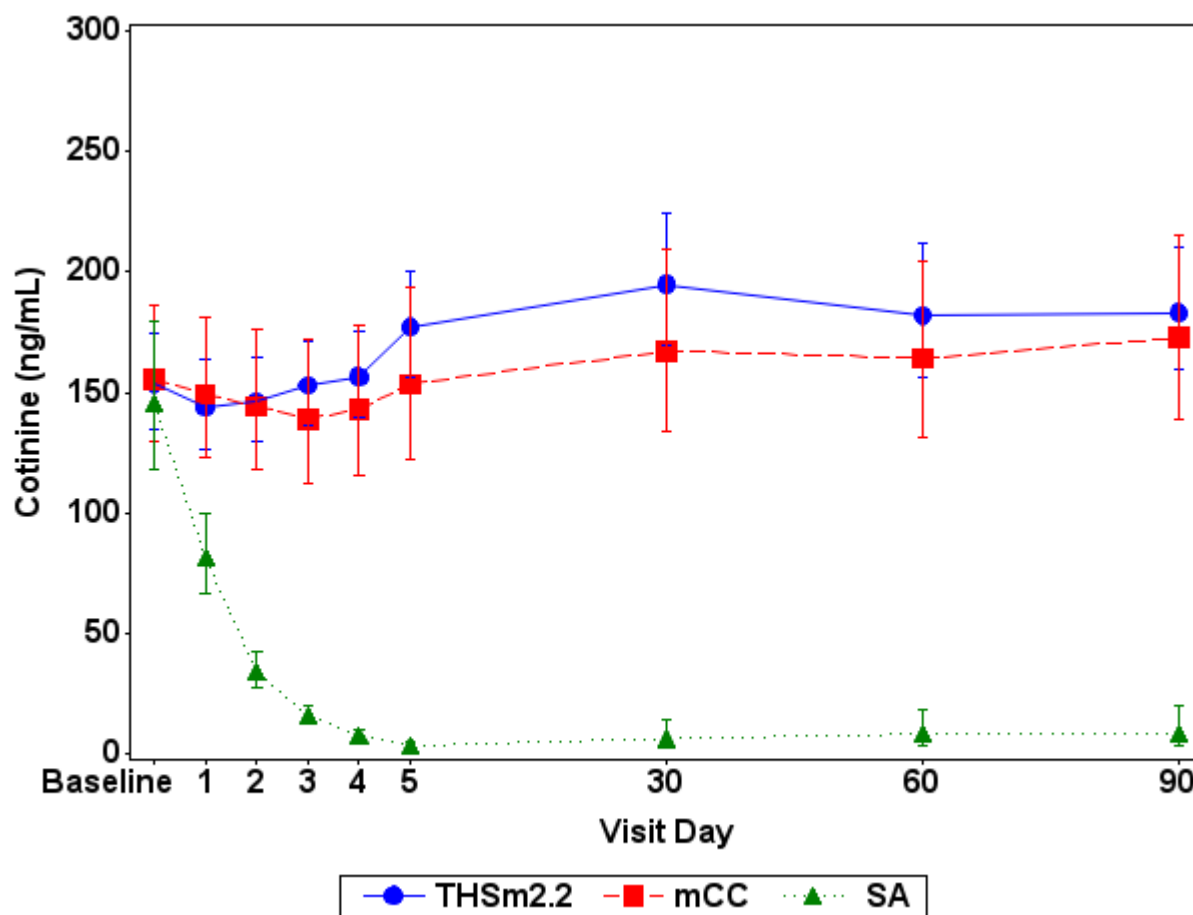
Appendix: 15.2.4.19.1

Study ID: ZRHM-REXA-07-JP

Program: f1501020101-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 1 of 2



Figure 15.1.2.1.1 Plasma Nicotine and Cotinine Profile (ng/mL) Geometric Mean and 95% CI - PP Set



Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the PP Set for Period 1.

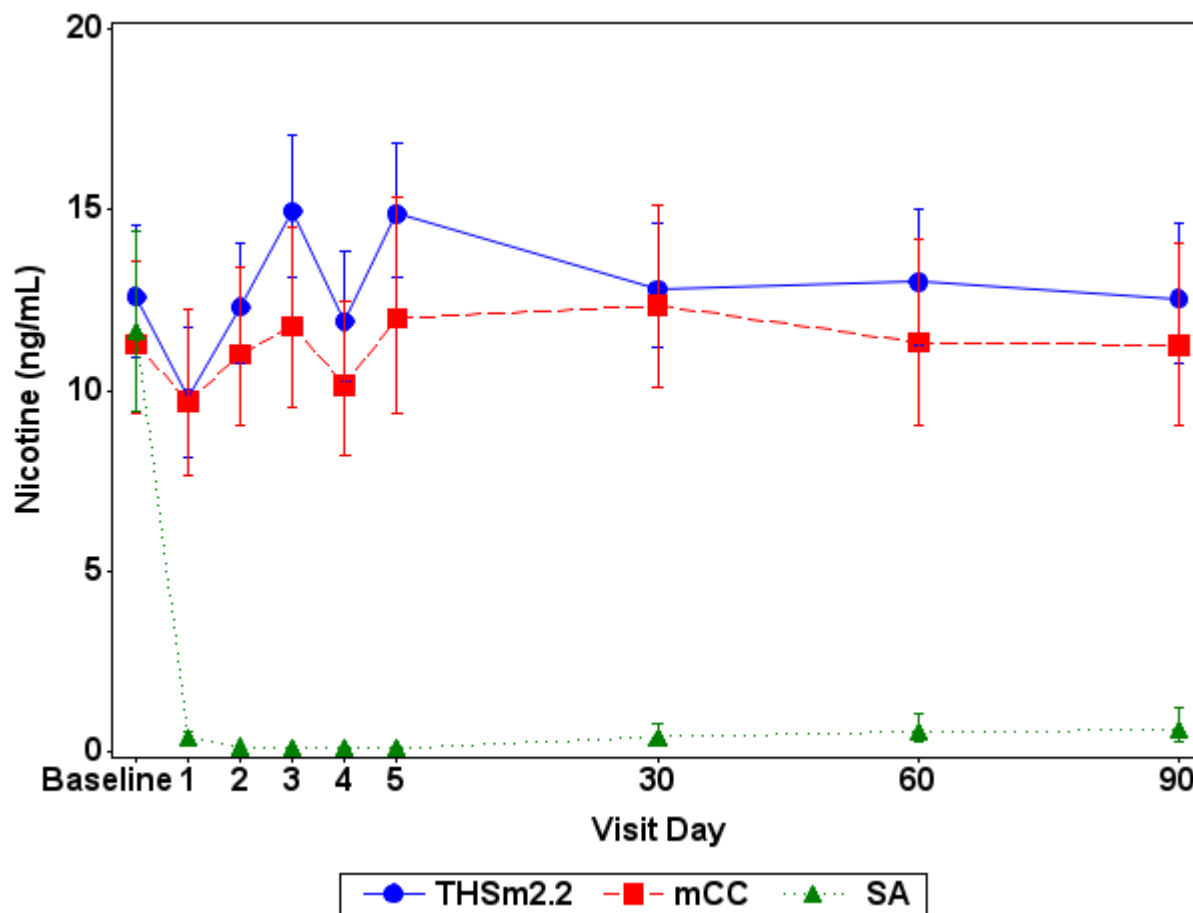
Appendix: 15.2.4.19.1

Study ID: ZRHM-REXA-07-JP

Program: f1501020101-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 2 of 2



Figure 15.1.2.1.2 Plasma Nicotine and Cotinine Profile (ng/mL) Geometric Mean and 95% CI - FAS



Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

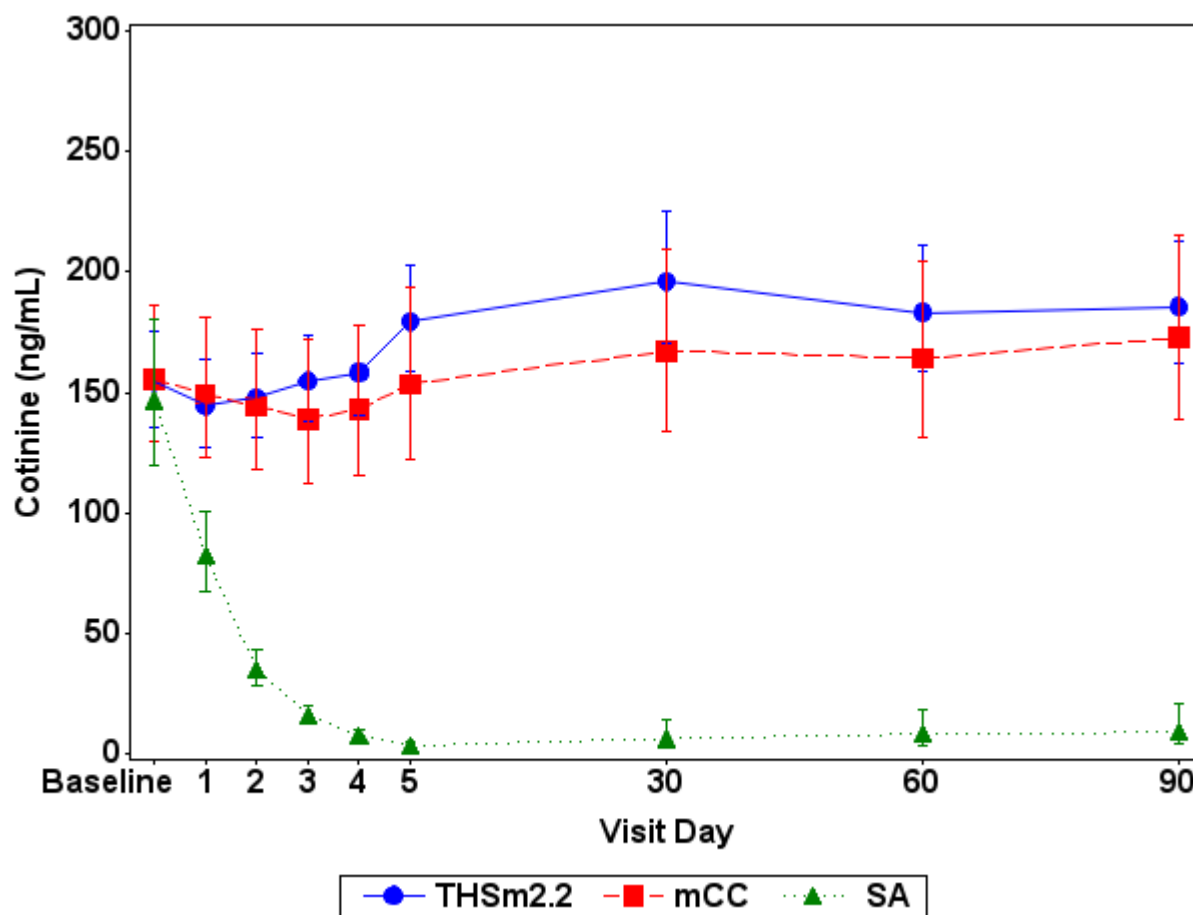
Appendix: 15.2.4.19.2

Study ID: ZRHM-REXA-07-JP

Program: f1501020102-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 1 of 2



Figure 15.1.2.1.2 Plasma Nicotine and Cotinine Profile (ng/mL) Geometric Mean and 95% CI - FAS



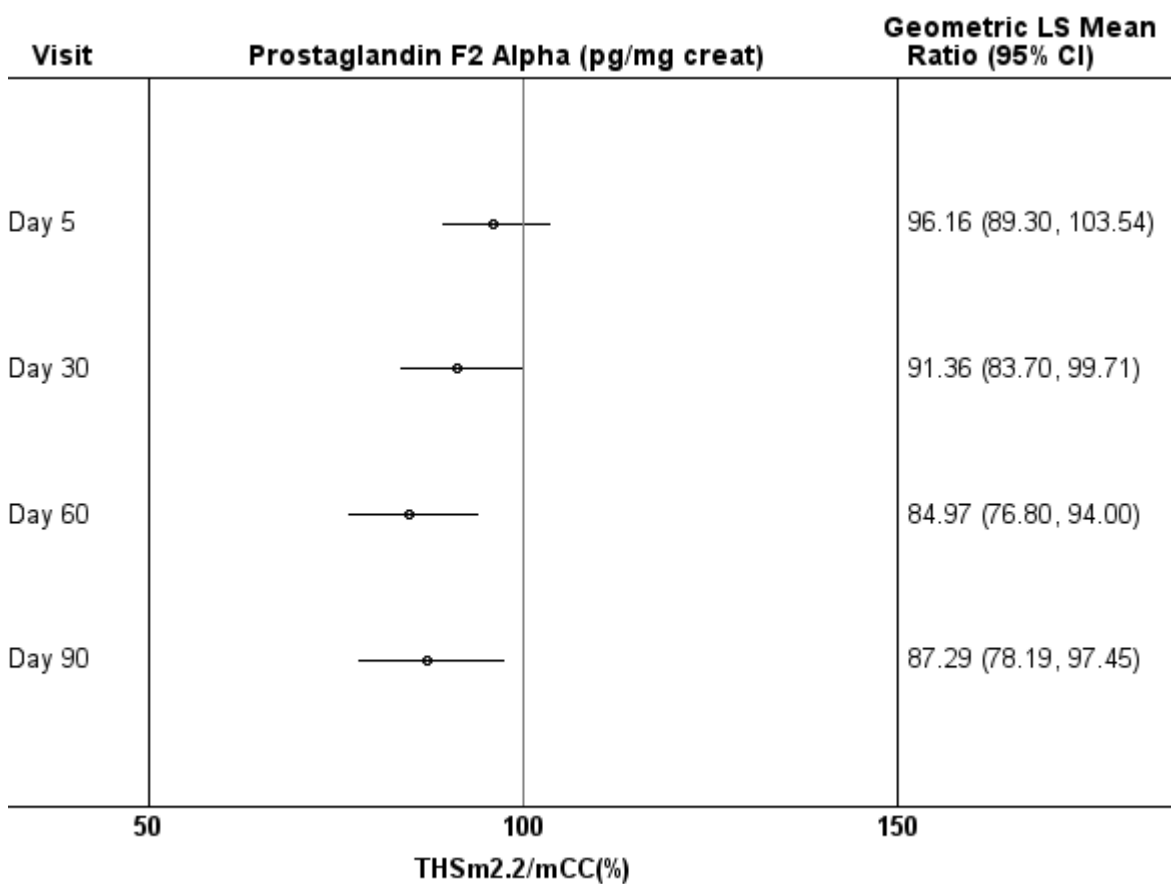
Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Appendix: 15.2.4.19.2

Study ID: ZRHM-REXA-07-JP

Program: f1501020102-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 2 of 2

**Figure 15.1.2.2 Forest Plot of Statistical Analysis of Risk Markers - PP Set**

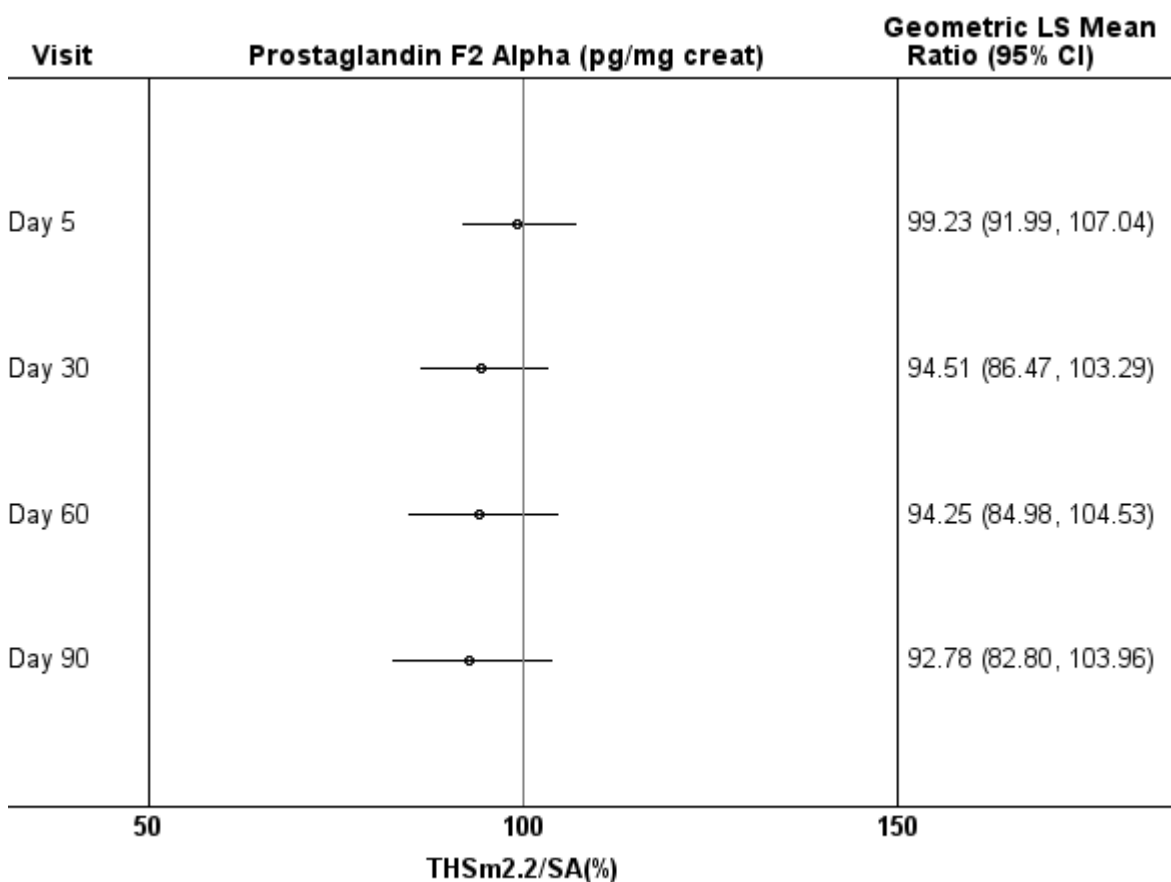
Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Where symbols < or > appear the estimate or CI is outside of the reporting scale.

Appendix: 15.2.4.25.1

Study ID: ZRHM-REXA-07-JP

Program: f15010202-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 1 of 46

**Figure 15.1.2.2 Forest Plot of Statistical Analysis of Risk Markers - PP Set**

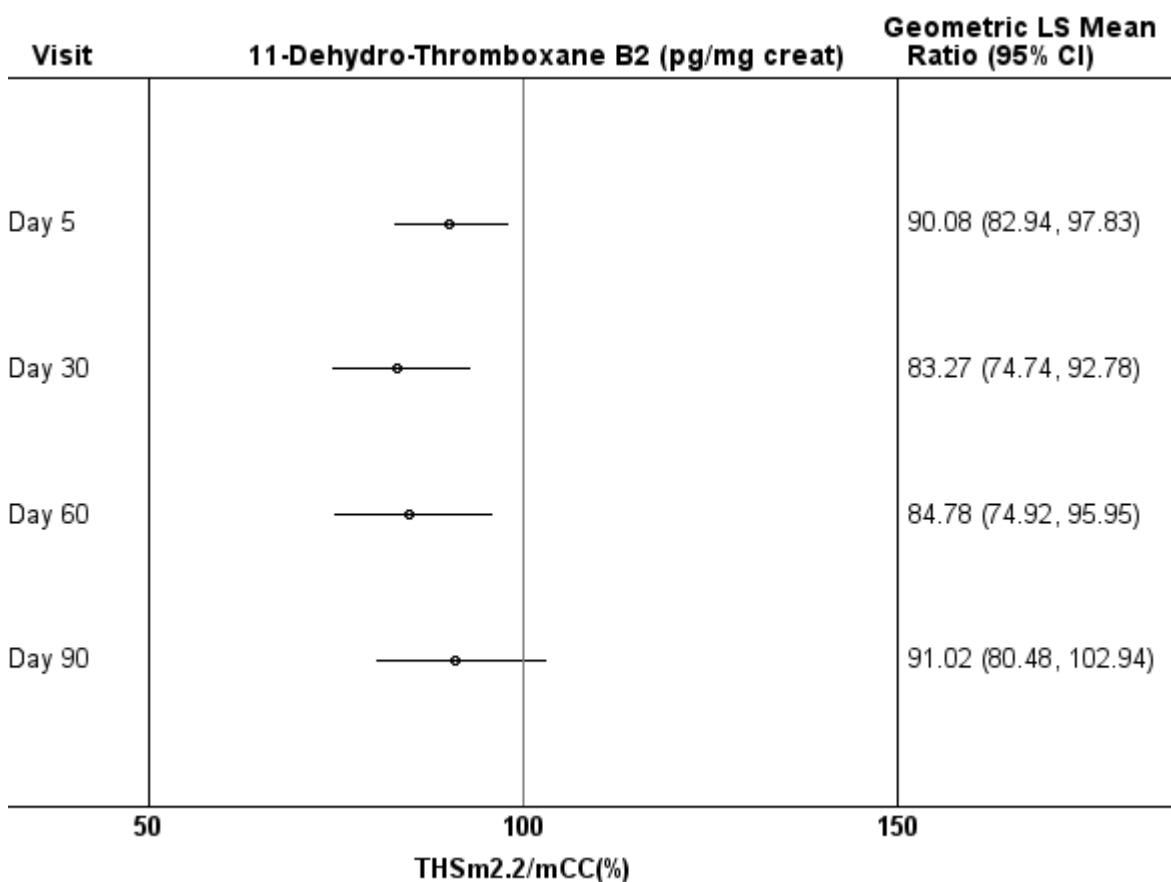
Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Where symbols < or > appear the estimate or CI is outside of the reporting scale.

Appendix: 15.2.4.25.1

Study ID: ZRHM-REXA-07-JP

Program: f15010202-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 2 of 46

**Figure 15.1.2.2 Forest Plot of Statistical Analysis of Risk Markers - PP Set**

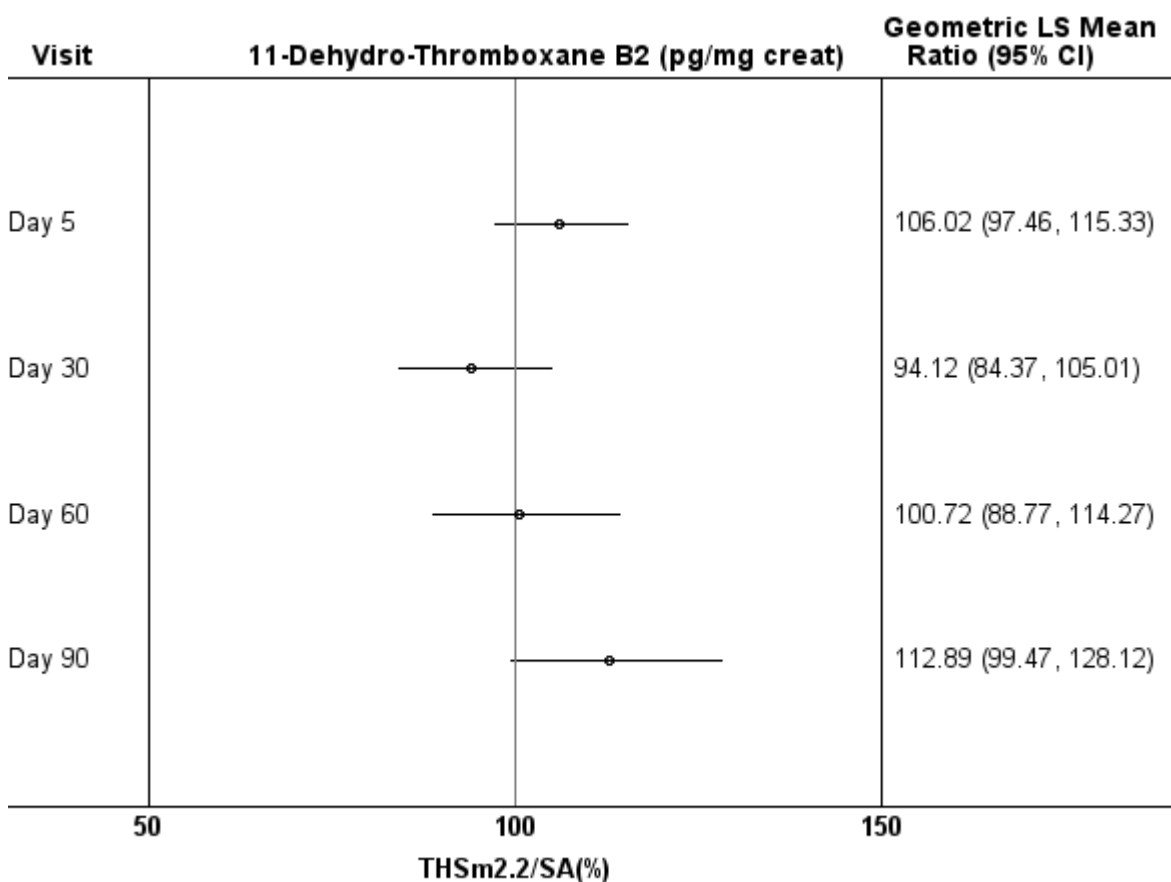
Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Where symbols < or > appear the estimate or CI is outside of the reporting scale.

Appendix: 15.2.4.25.1

Study ID: ZRHM-REXA-07-JP

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**Figure 15.1.2.2 Forest Plot of Statistical Analysis of Risk Markers - PP Set**

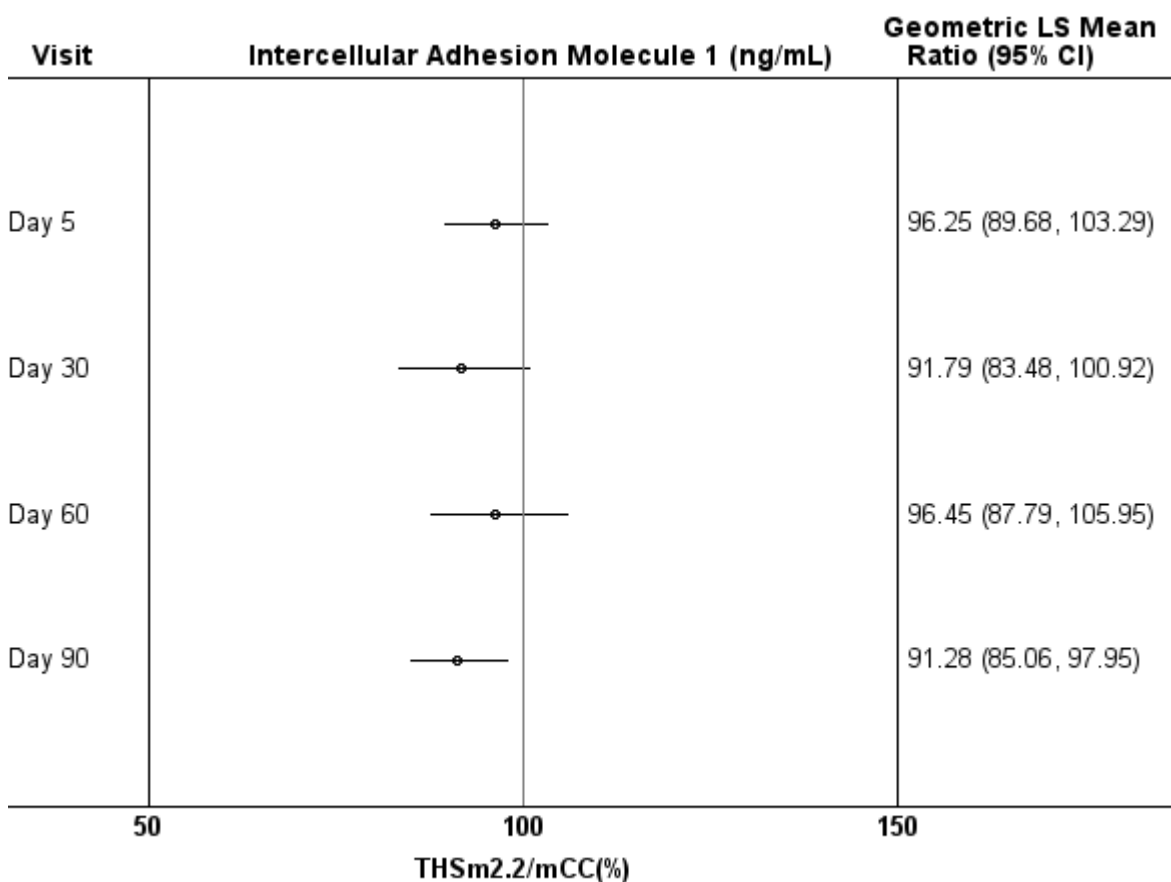
Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Where symbols < or > appear the estimate or CI is outside of the reporting scale.

Appendix: 15.2.4.25.1

Study ID: ZRHM-REXA-07-JP

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**Figure 15.1.2.2 Forest Plot of Statistical Analysis of Risk Markers - PP Set**

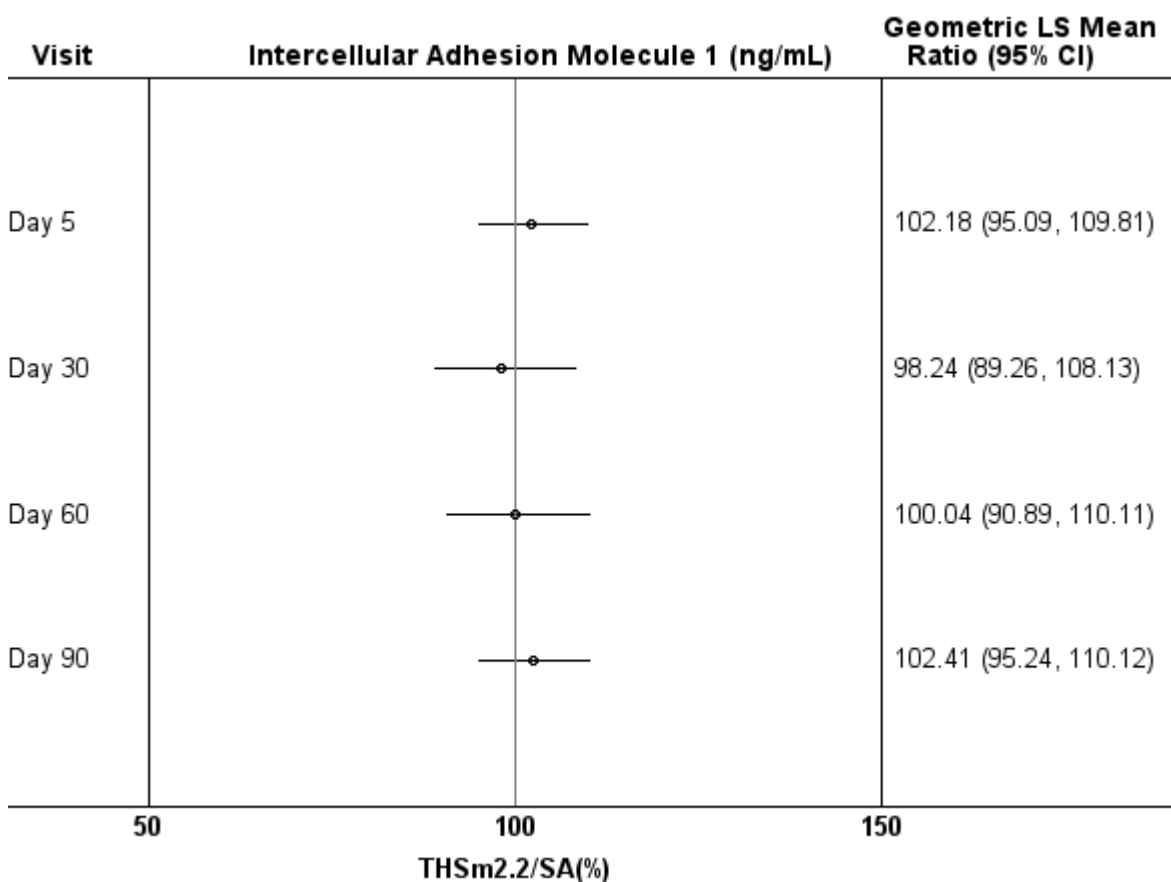
Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Where symbols < or > appear the estimate or CI is outside of the reporting scale.

Appendix: 15.2.4.25.1

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**Figure 15.1.2.2 Forest Plot of Statistical Analysis of Risk Markers - PP Set**

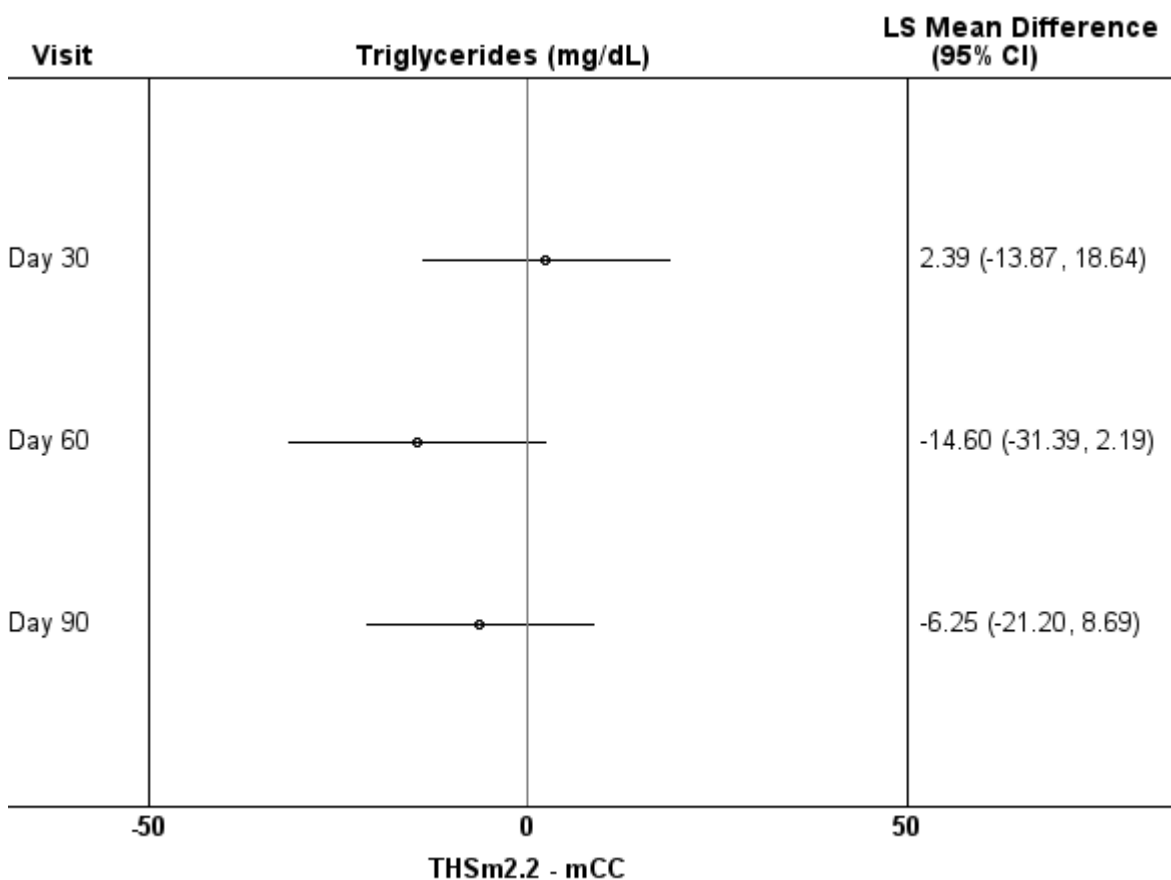
Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Where symbols < or > appear the estimate or CI is outside of the reporting scale.

Appendix: 15.2.4.25.1

Study ID: ZRHM-REXA-07-JP

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**Figure 15.1.2.2 Forest Plot of Statistical Analysis of Risk Markers - PP Set**

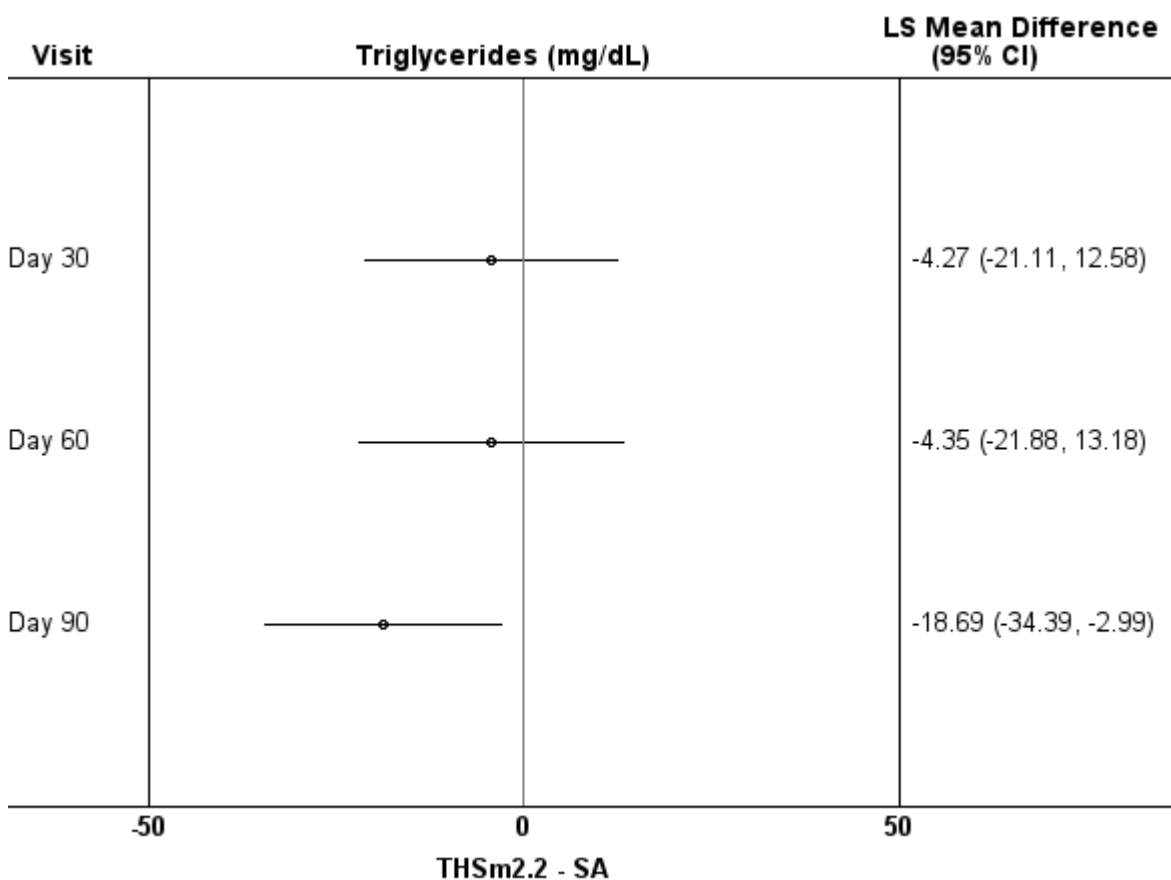
Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Where symbols < or > appear the estimate or CI is outside of the reporting scale.

Appendix: 15.2.4.25.1

Study ID: ZRHM-REXA-07-JP

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**Figure 15.1.2.2 Forest Plot of Statistical Analysis of Risk Markers - PP Set**

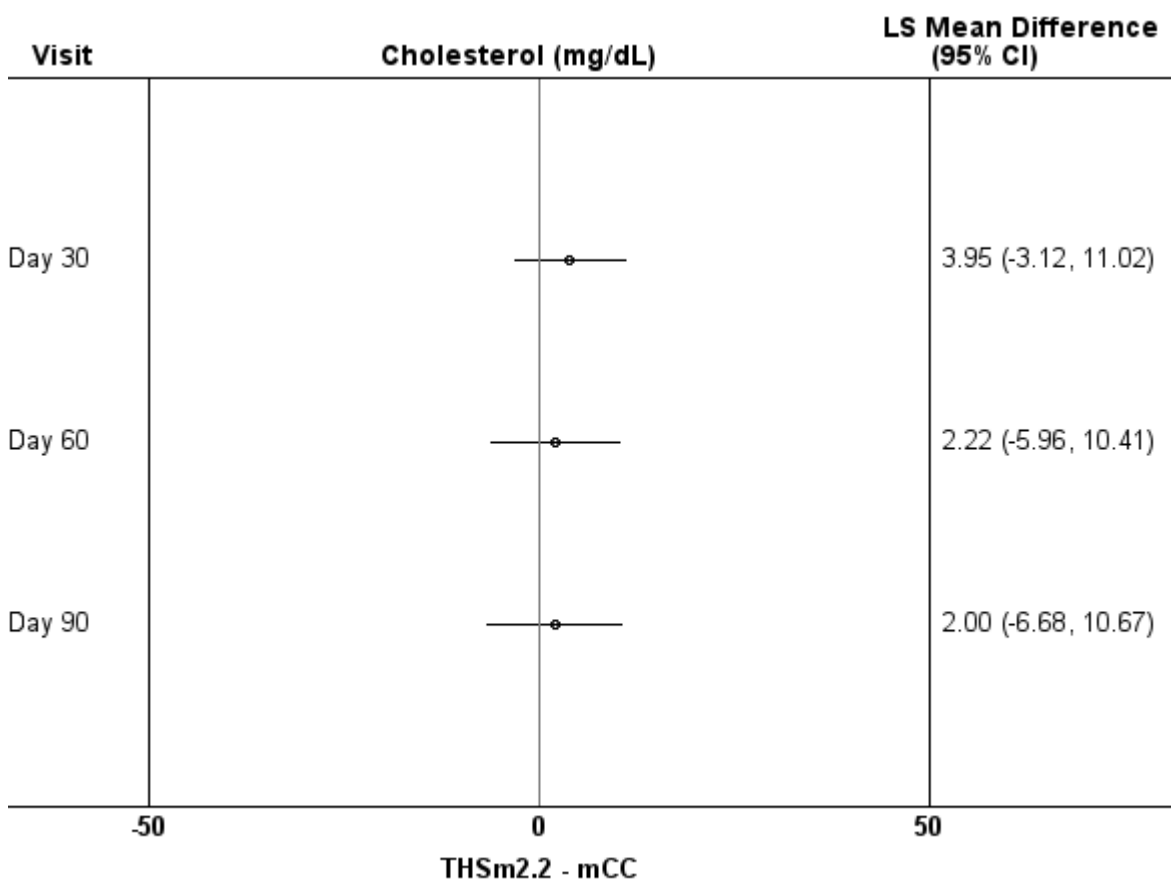
Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Where symbols < or > appear the estimate or CI is outside of the reporting scale.

Appendix: 15.2.4.25.1

Study ID: ZRHM-REXA-07-JP

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**Figure 15.1.2.2 Forest Plot of Statistical Analysis of Risk Markers - PP Set**

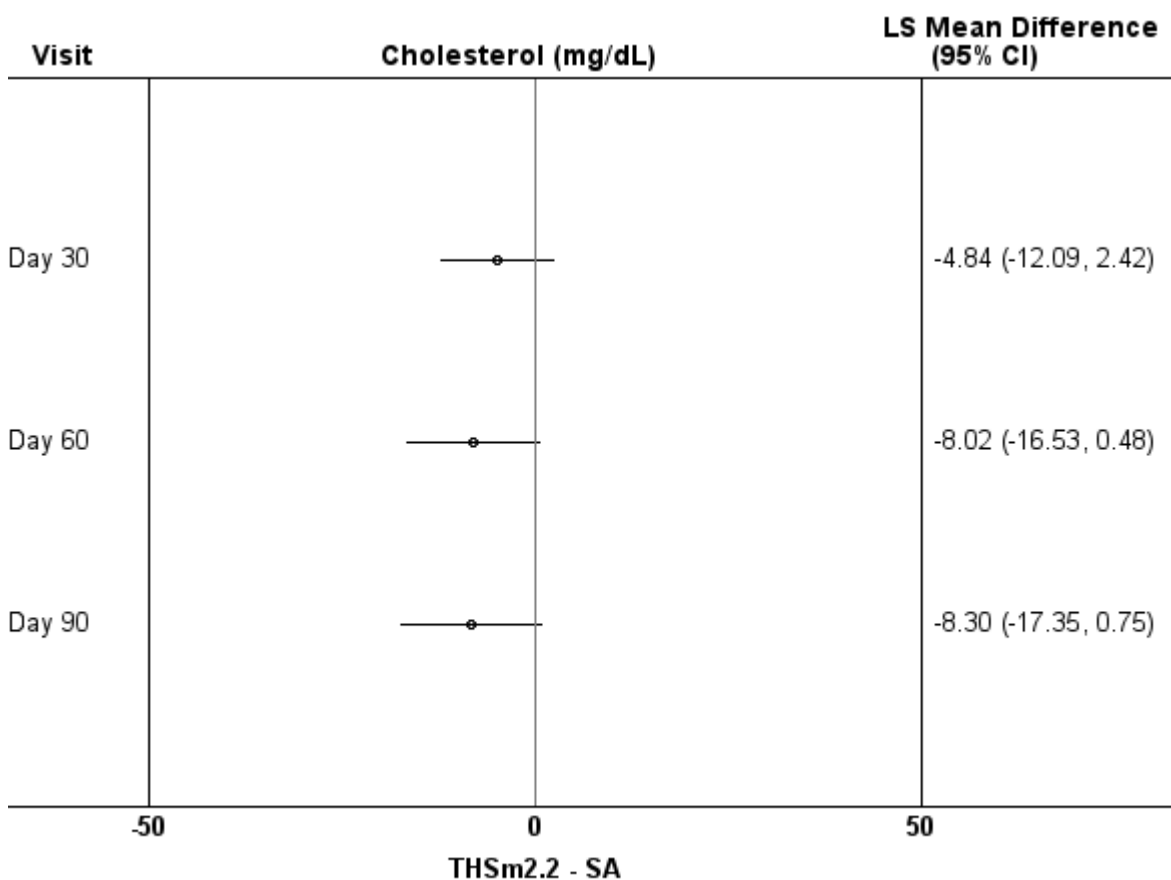
Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Where symbols < or > appear the estimate or CI is outside of the reporting scale.

Appendix: 15.2.4.25.1

Study ID: ZRHM-REXA-07-JP

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**Figure 15.1.2.2 Forest Plot of Statistical Analysis of Risk Markers - PP Set**

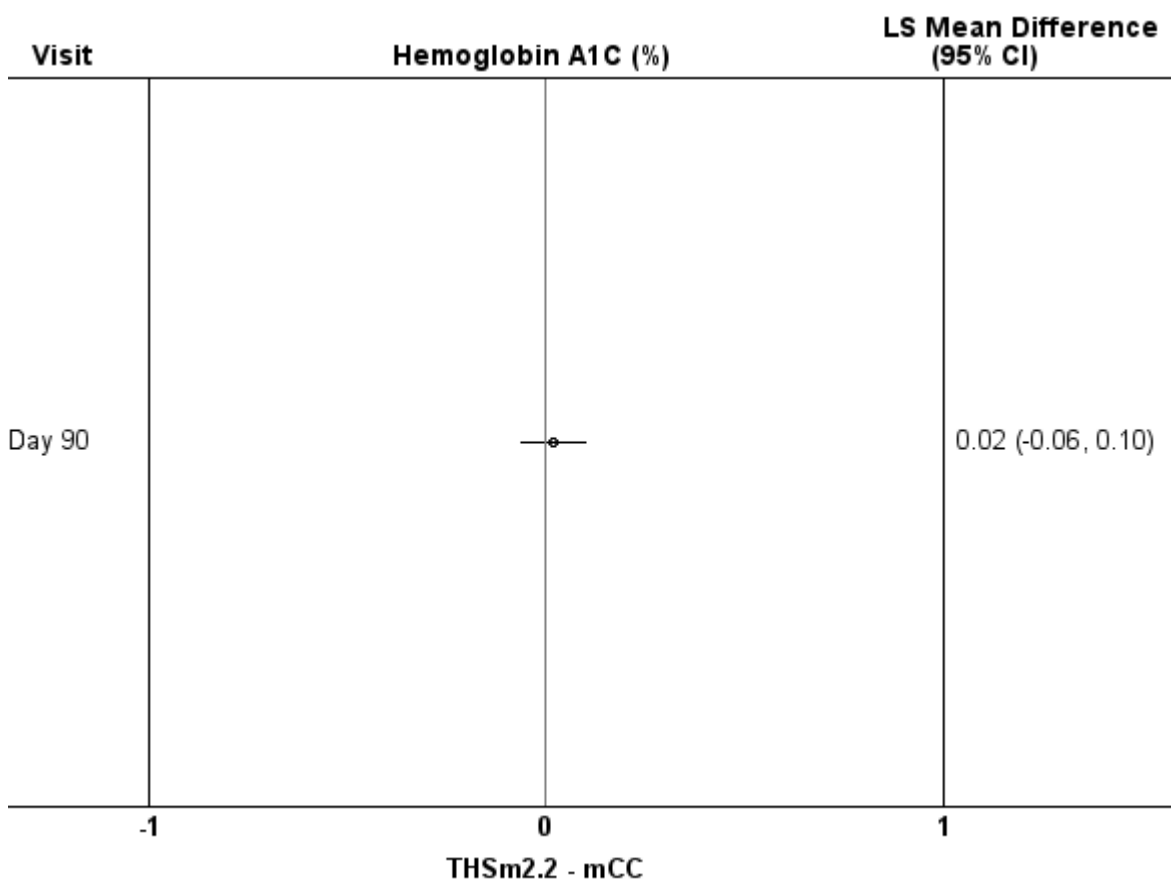
Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Where symbols < or > appear the estimate or CI is outside of the reporting scale.

Appendix: 15.2.4.25.1

Study ID: ZRHM-REXA-07-JP

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**Figure 15.1.2.2 Forest Plot of Statistical Analysis of Risk Markers - PP Set**

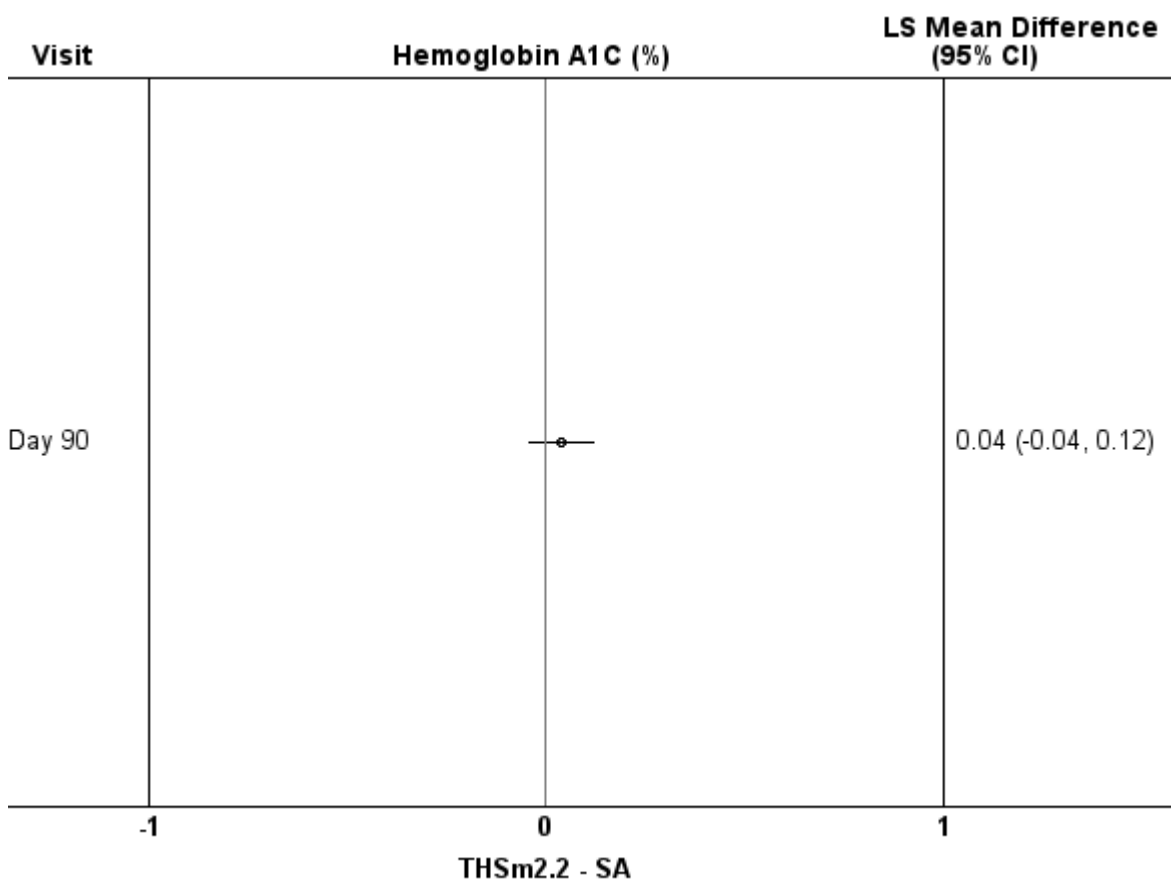
Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Where symbols < or > appear the estimate or CI is outside of the reporting scale.

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Study ID: ZRHM-REXA-07-JP

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**Figure 15.1.2.2 Forest Plot of Statistical Analysis of Risk Markers - PP Set**

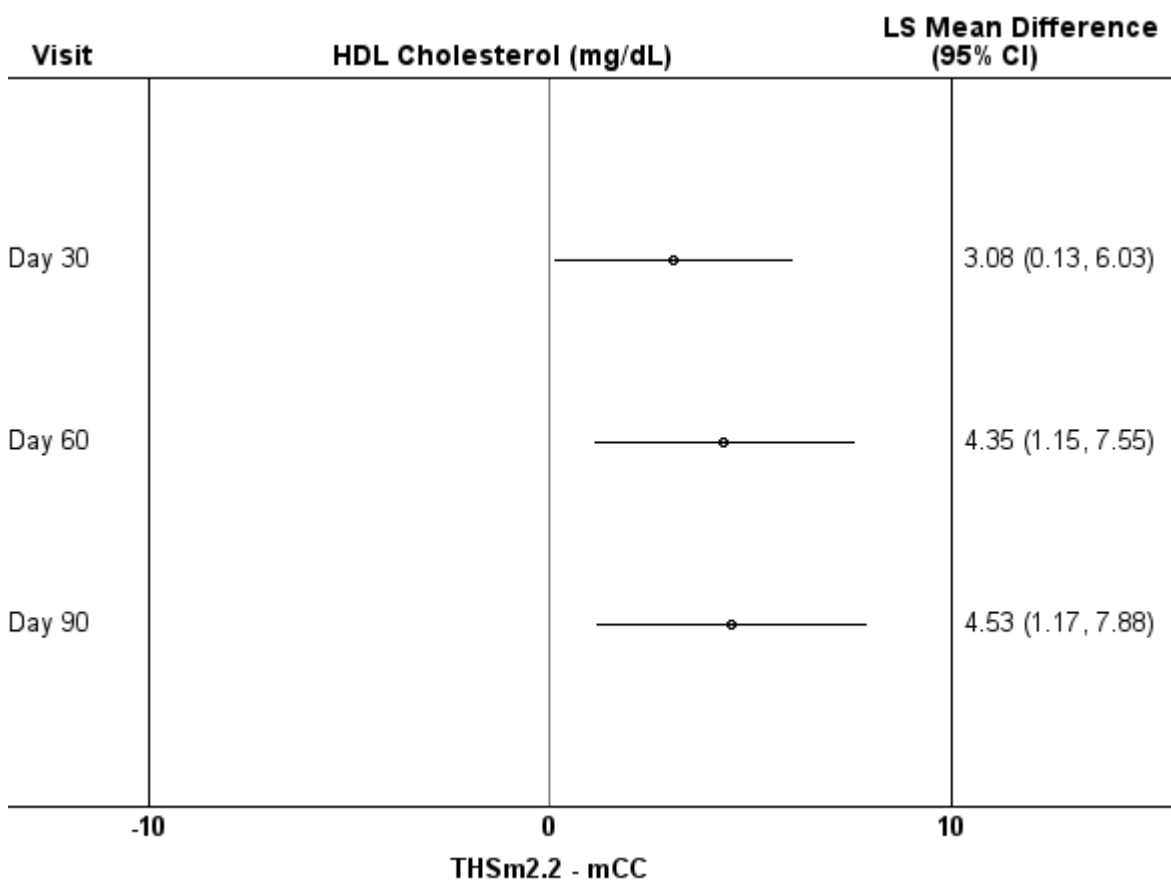
Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Where symbols < or > appear the estimate or CI is outside of the reporting scale.

Appendix: 15.2.4.25.1

Study ID: ZRHM-REXA-07-JP

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**Figure 15.1.2.2 Forest Plot of Statistical Analysis of Risk Markers - PP Set**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Where symbols < or > appear the estimate or CI is outside of the reporting scale.

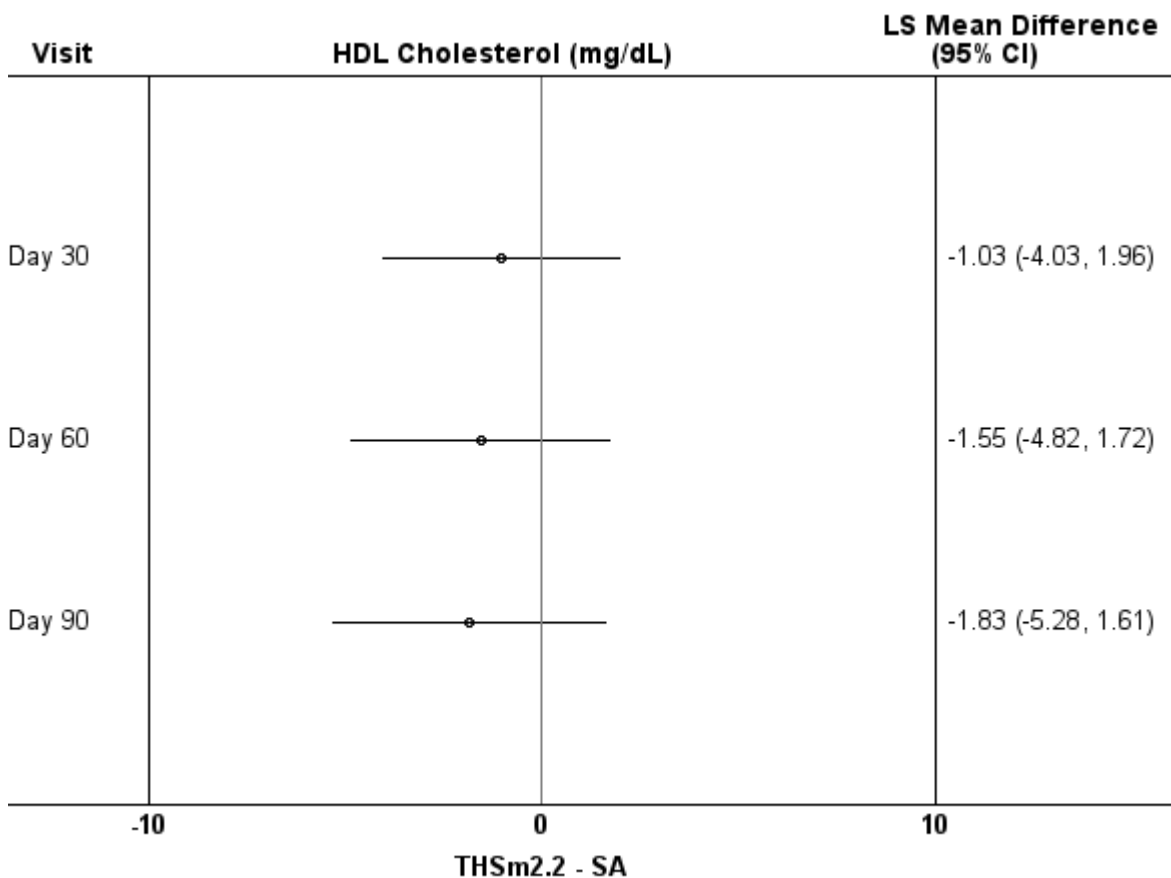
Appendix: 15.2.4.25.1

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**Figure 15.1.2.2 Forest Plot of Statistical Analysis of Risk Markers - PP Set**

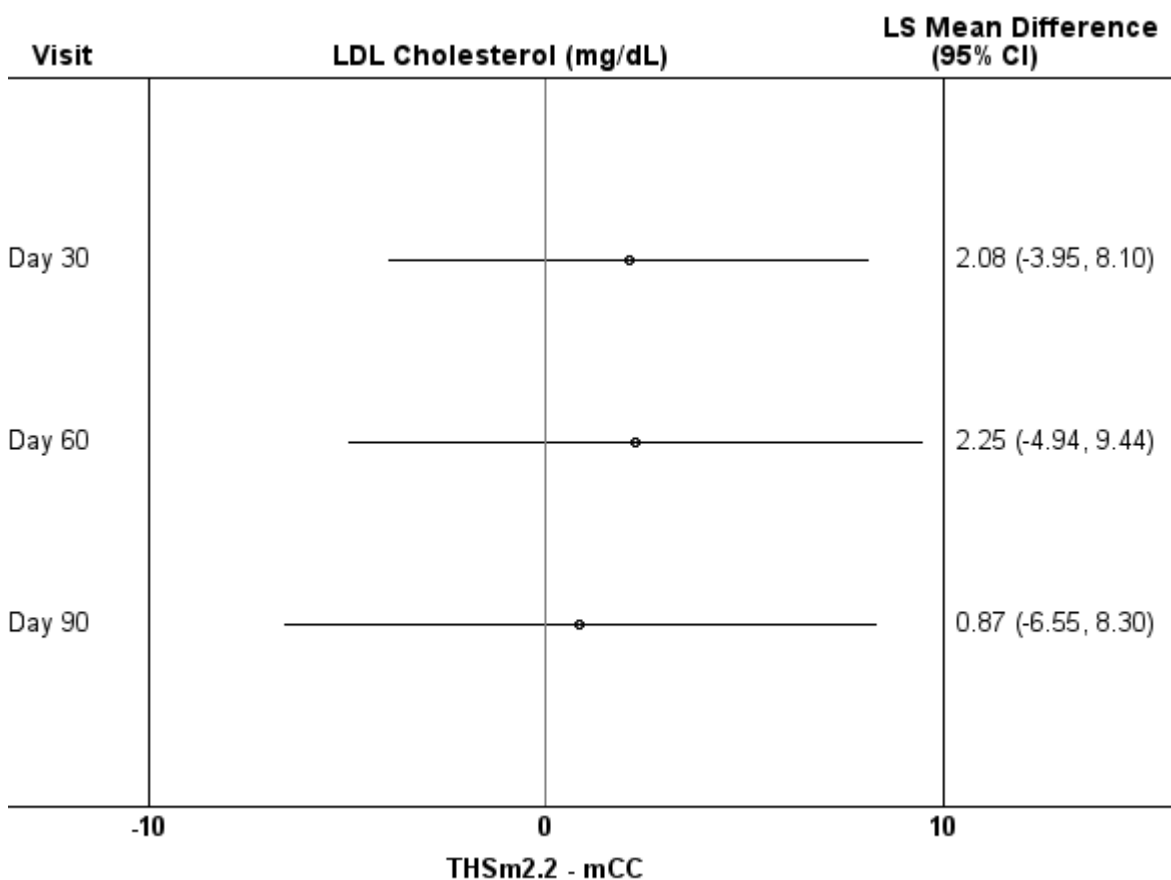
Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Where symbols < or > appear the estimate or CI is outside of the reporting scale.

Appendix: 15.2.4.25.1

Study ID: ZRHM-REXA-07-JP

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**Figure 15.1.2.2 Forest Plot of Statistical Analysis of Risk Markers - PP Set**

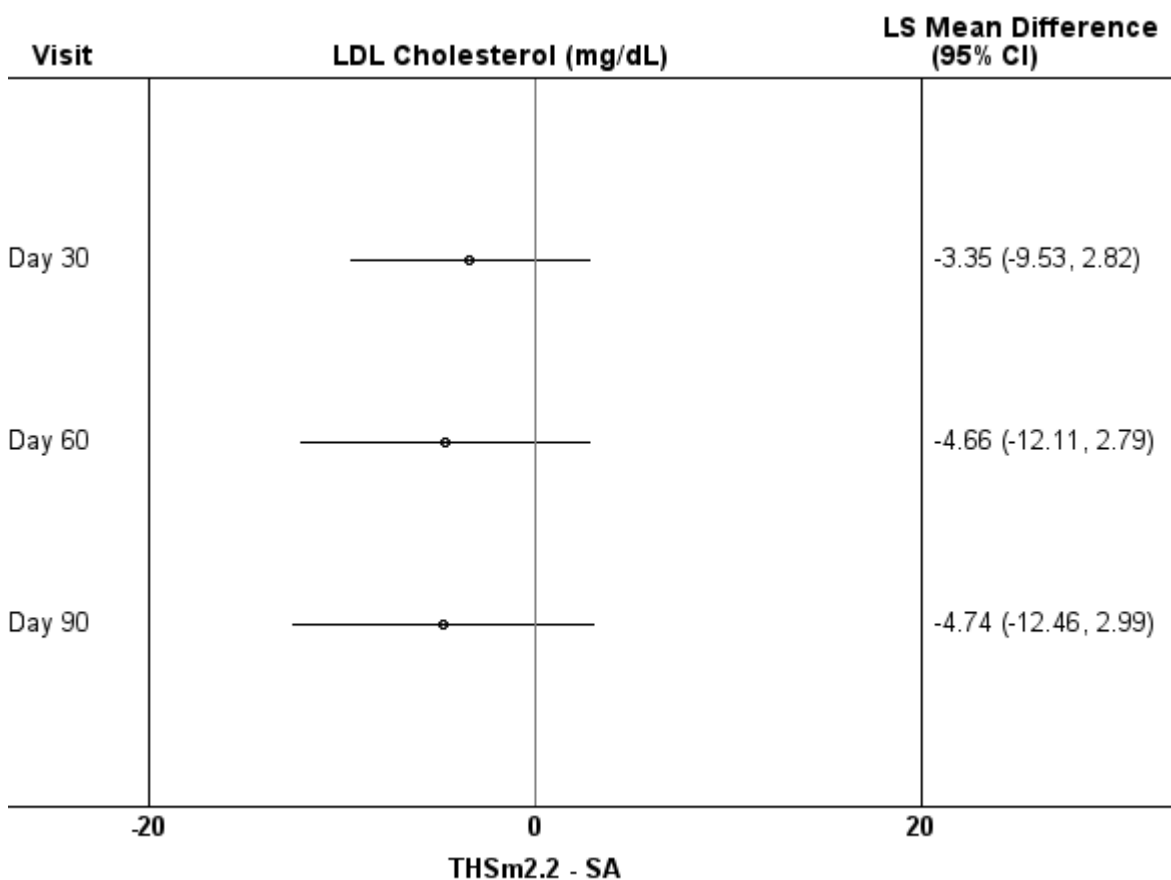
Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Where symbols < or > appear the estimate or CI is outside of the reporting scale.

Appendix: 15.2.4.25.1

Study ID: ZRHM-REXA-07-JP

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**Figure 15.1.2.2 Forest Plot of Statistical Analysis of Risk Markers - PP Set**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Where symbols < or > appear the estimate or CI is outside of the reporting scale.

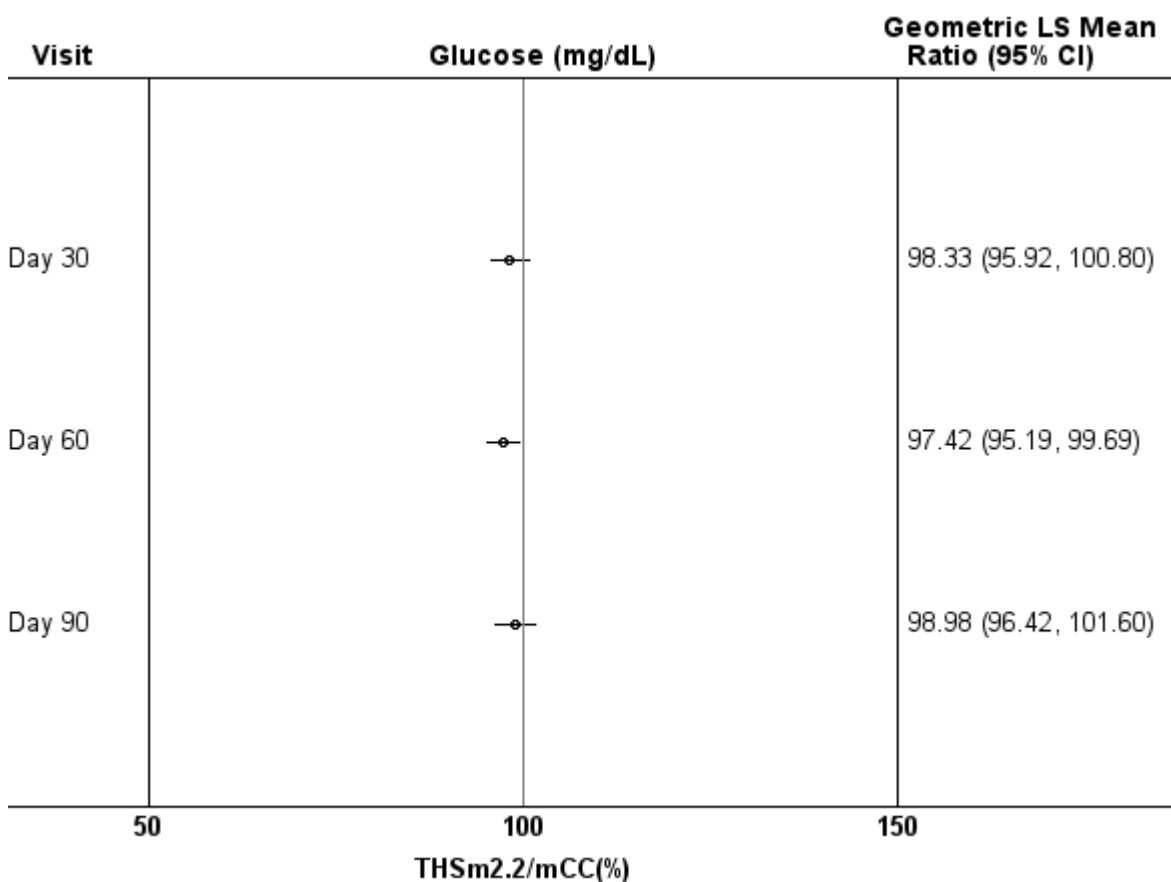
Appendix: 15.2.4.25.1

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**Figure 15.1.2.2 Forest Plot of Statistical Analysis of Risk Markers - PP Set**

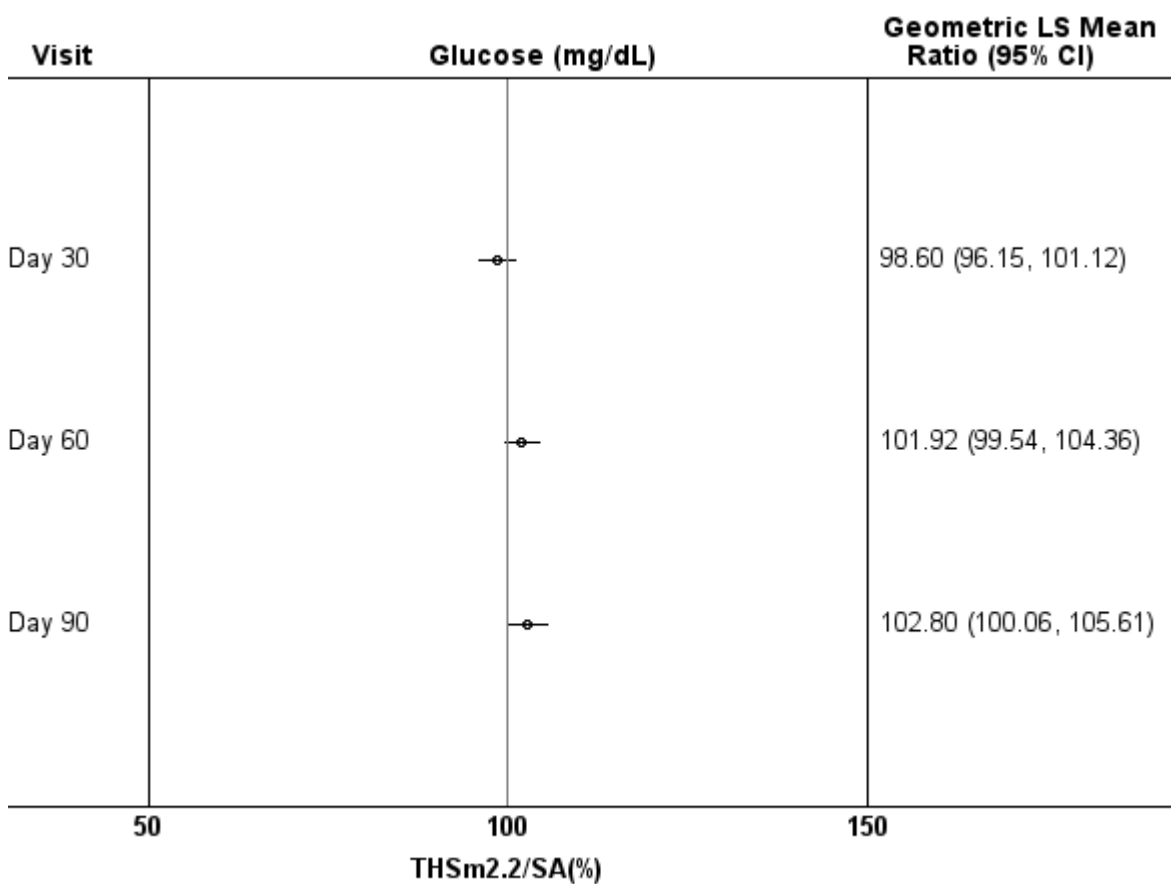
Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Where symbols < or > appear the estimate or CI is outside of the reporting scale.

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Study ID: ZRHM-REXA-07-JP

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**Figure 15.1.2.2 Forest Plot of Statistical Analysis of Risk Markers - PP Set**

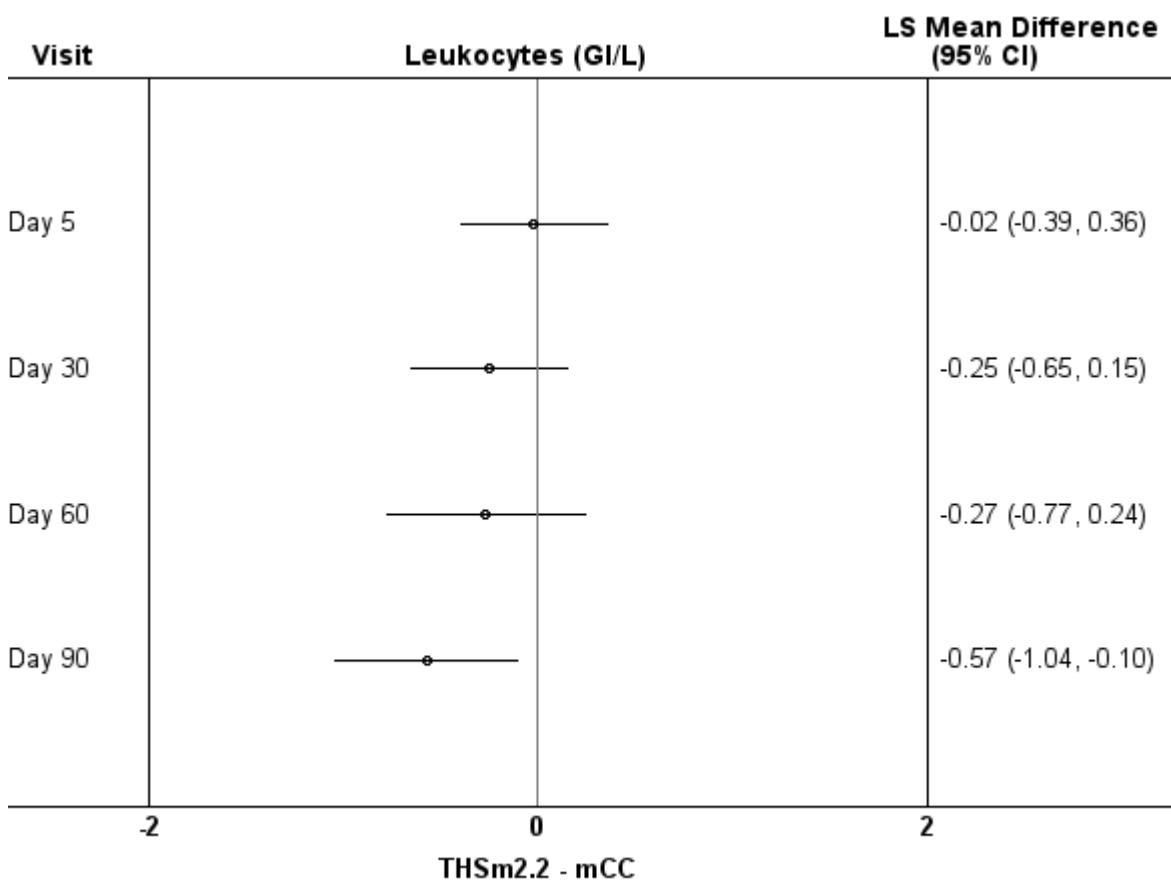
Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Where symbols < or > appear the estimate or CI is outside of the reporting scale.

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**Figure 15.1.2.2 Forest Plot of Statistical Analysis of Risk Markers - PP Set**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Where symbols < or > appear the estimate or CI is outside of the reporting scale.

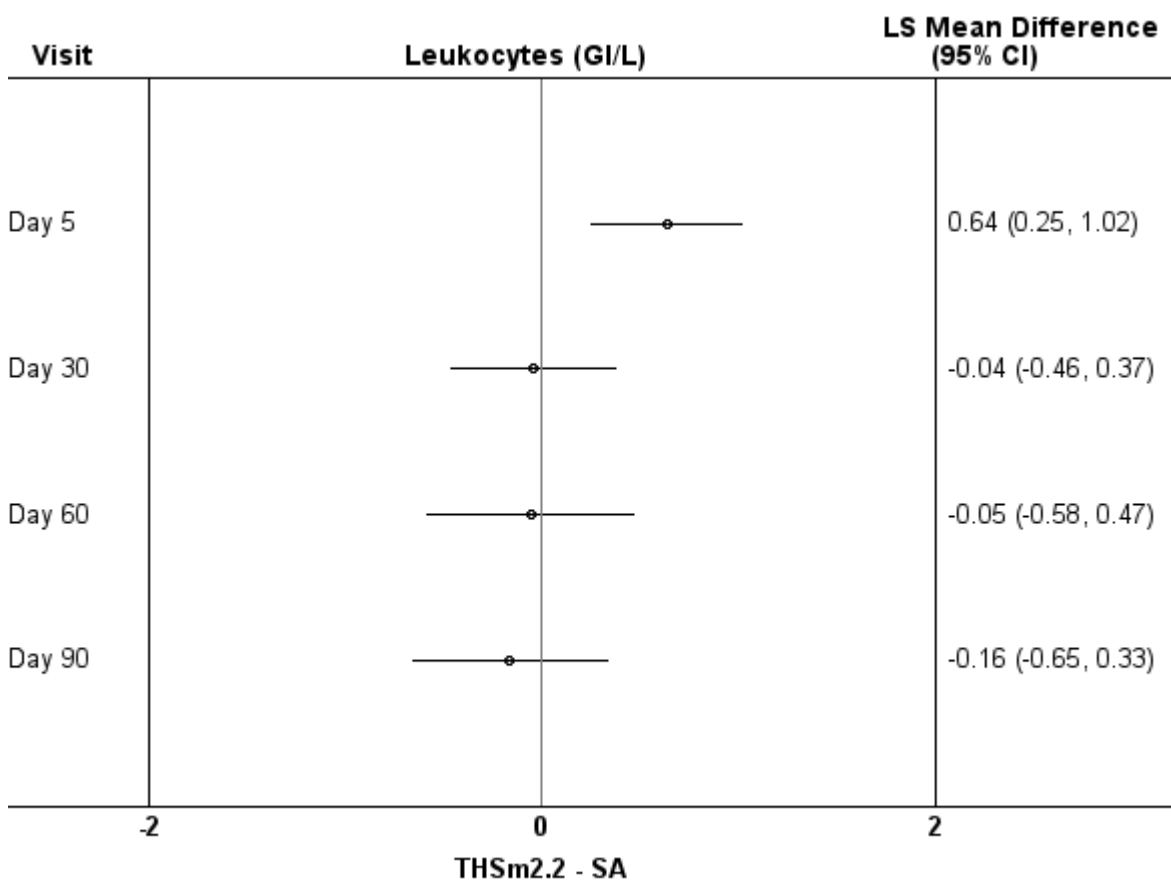
Appendix: 15.2.4.25.1

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**Figure 15.1.2.2 Forest Plot of Statistical Analysis of Risk Markers - PP Set**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Where symbols < or > appear the estimate or CI is outside of the reporting scale.

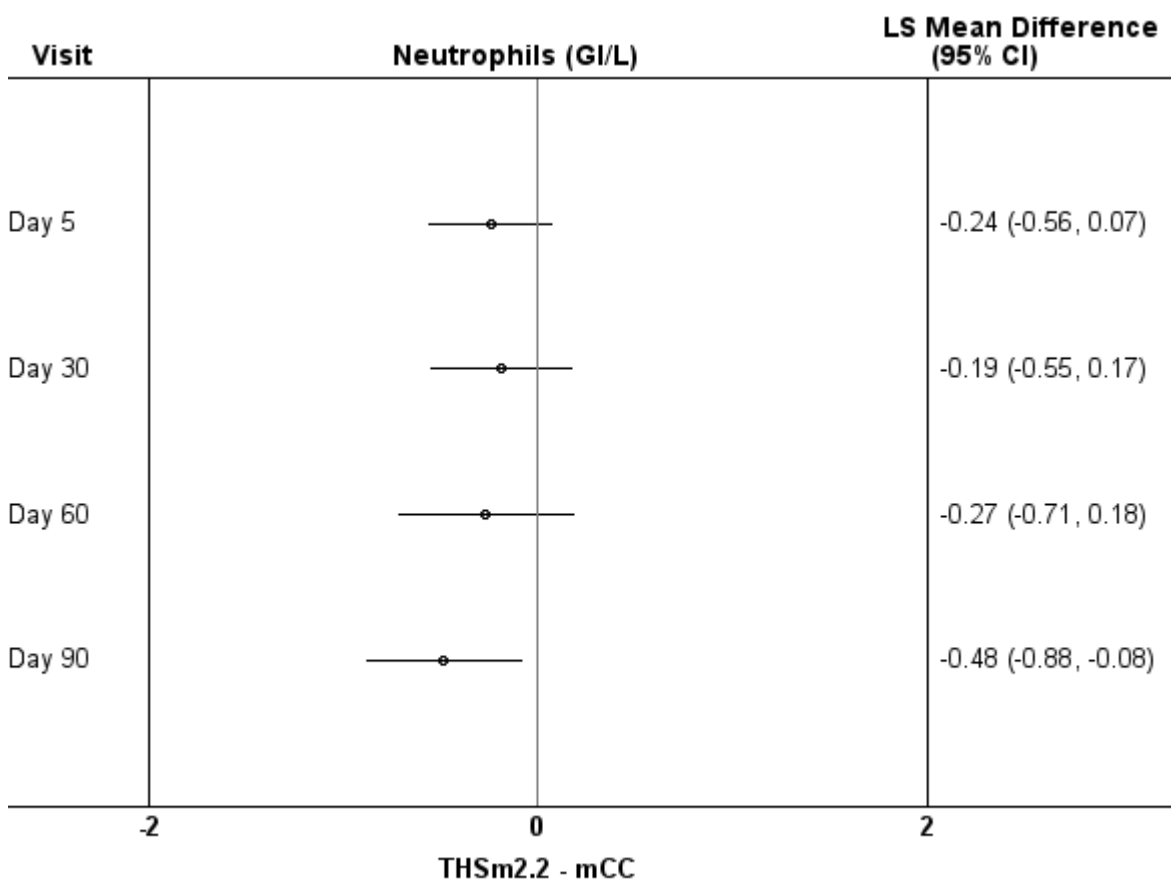
Appendix: 15.2.4.25.1

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**Figure 15.1.2.2 Forest Plot of Statistical Analysis of Risk Markers - PP Set**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Where symbols < or > appear the estimate or CI is outside of the reporting scale.

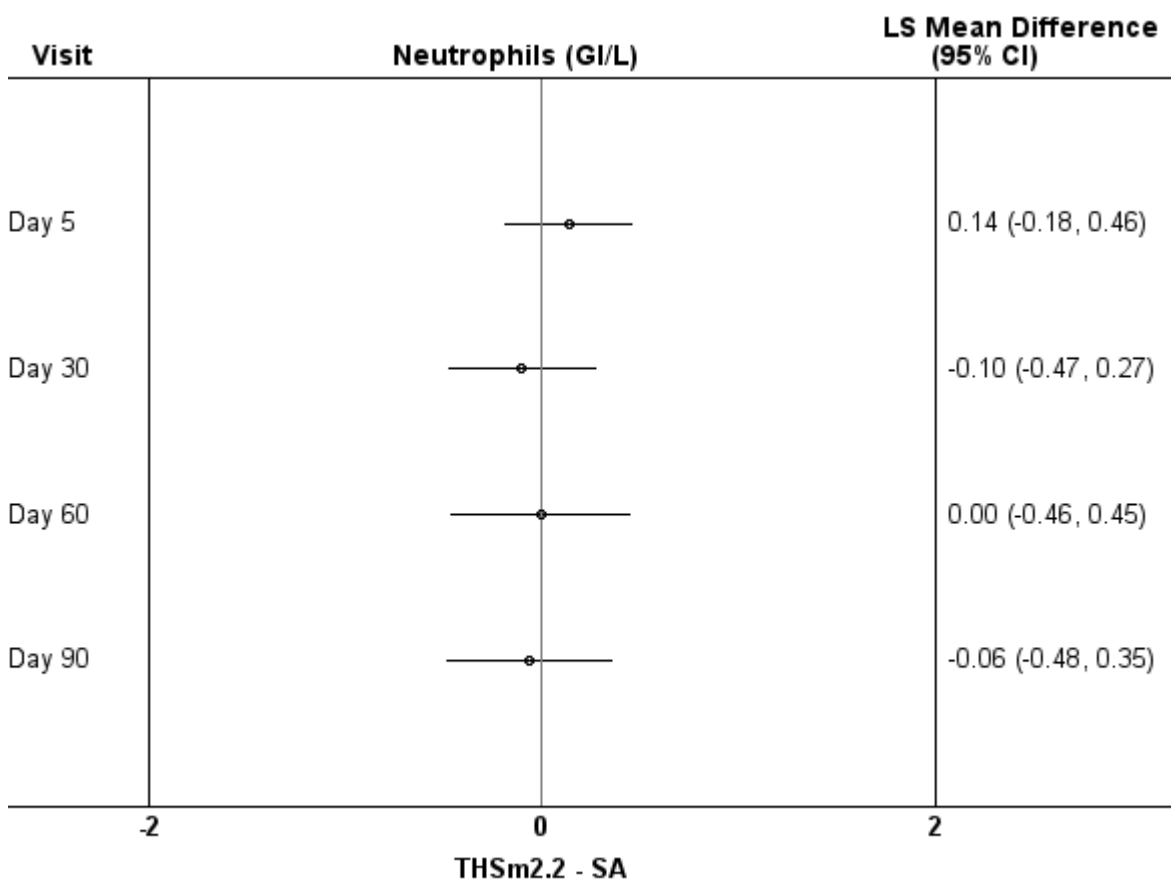
Appendix: 15.2.4.25.1

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**Figure 15.1.2.2 Forest Plot of Statistical Analysis of Risk Markers - PP Set**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Where symbols < or > appear the estimate or CI is outside of the reporting scale.

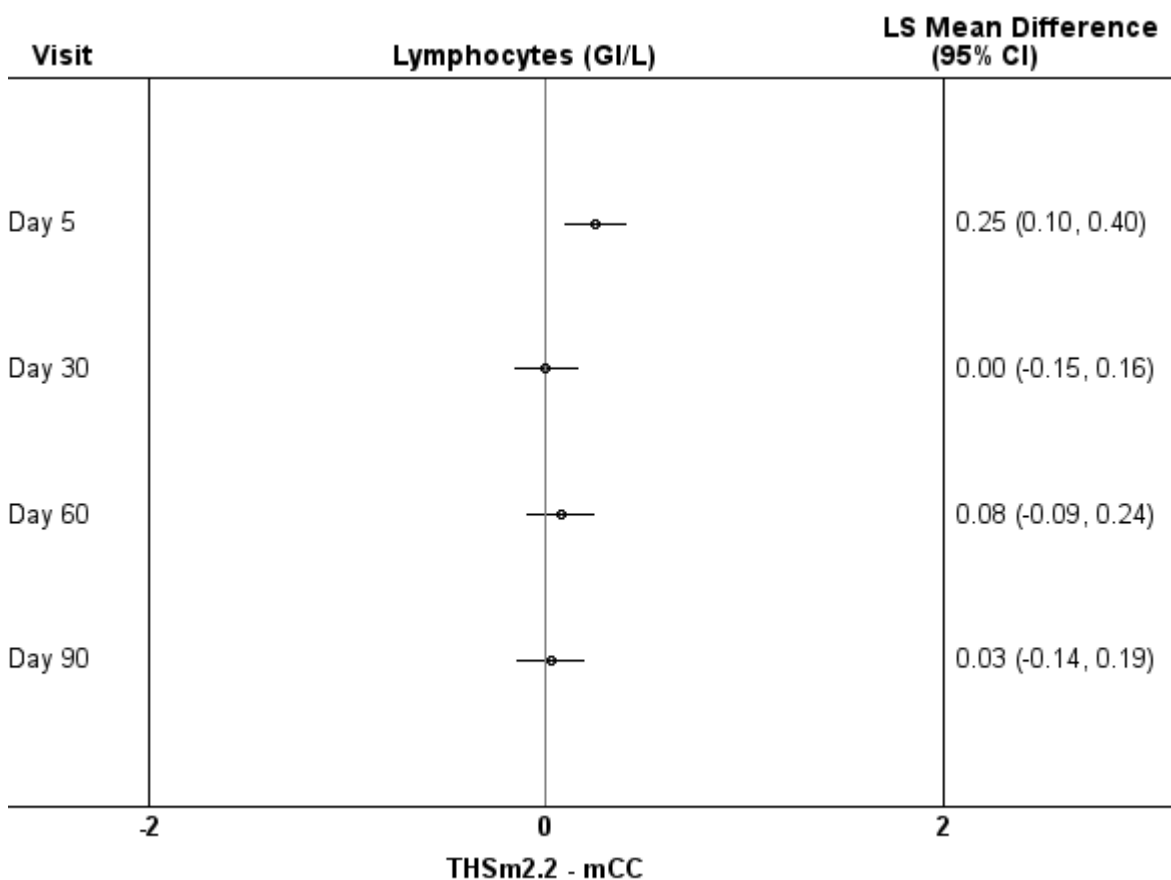
Appendix: 15.2.4.25.1

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**Figure 15.1.2.2 Forest Plot of Statistical Analysis of Risk Markers - PP Set**

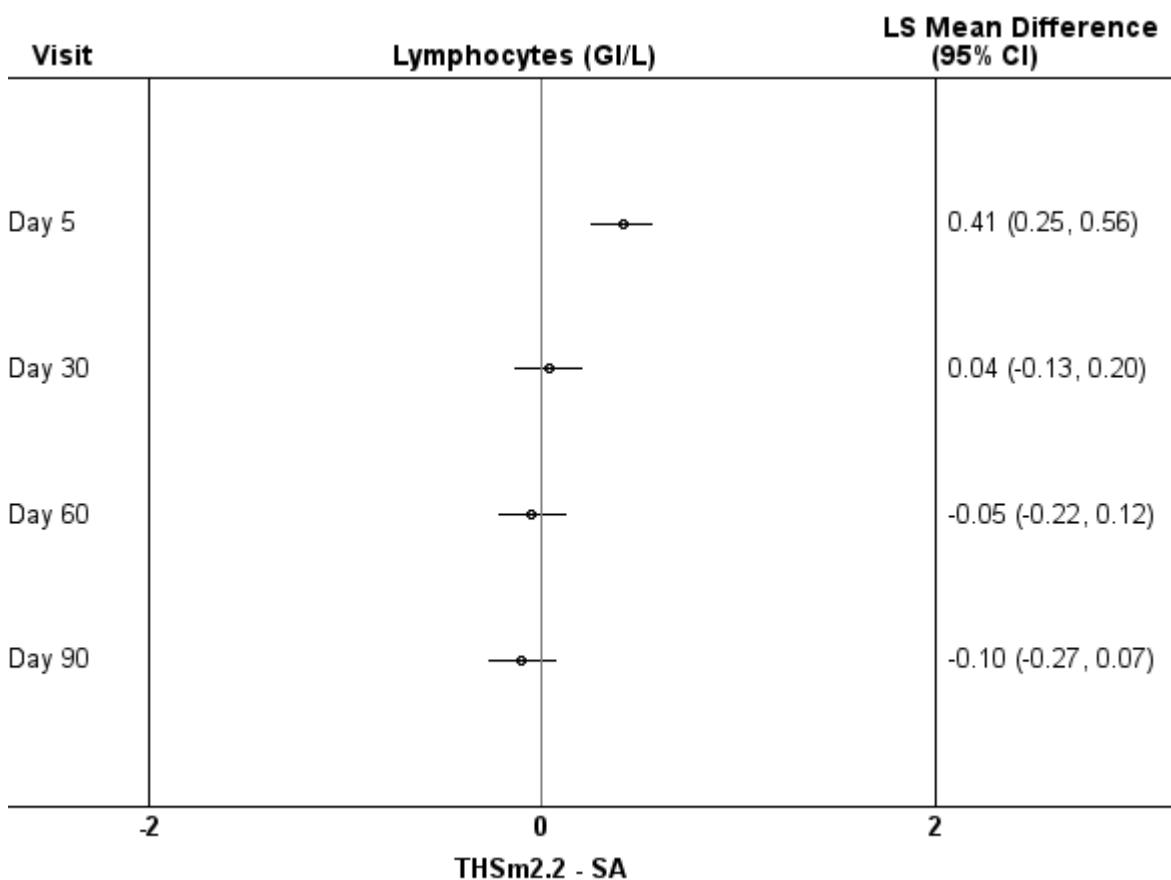
Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Where symbols < or > appear the estimate or CI is outside of the reporting scale.

Appendix: 15.2.4.25.1

Study ID: ZRHM-REXA-07-JP

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**Figure 15.1.2.2 Forest Plot of Statistical Analysis of Risk Markers - PP Set**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Where symbols < or > appear the estimate or CI is outside of the reporting scale.

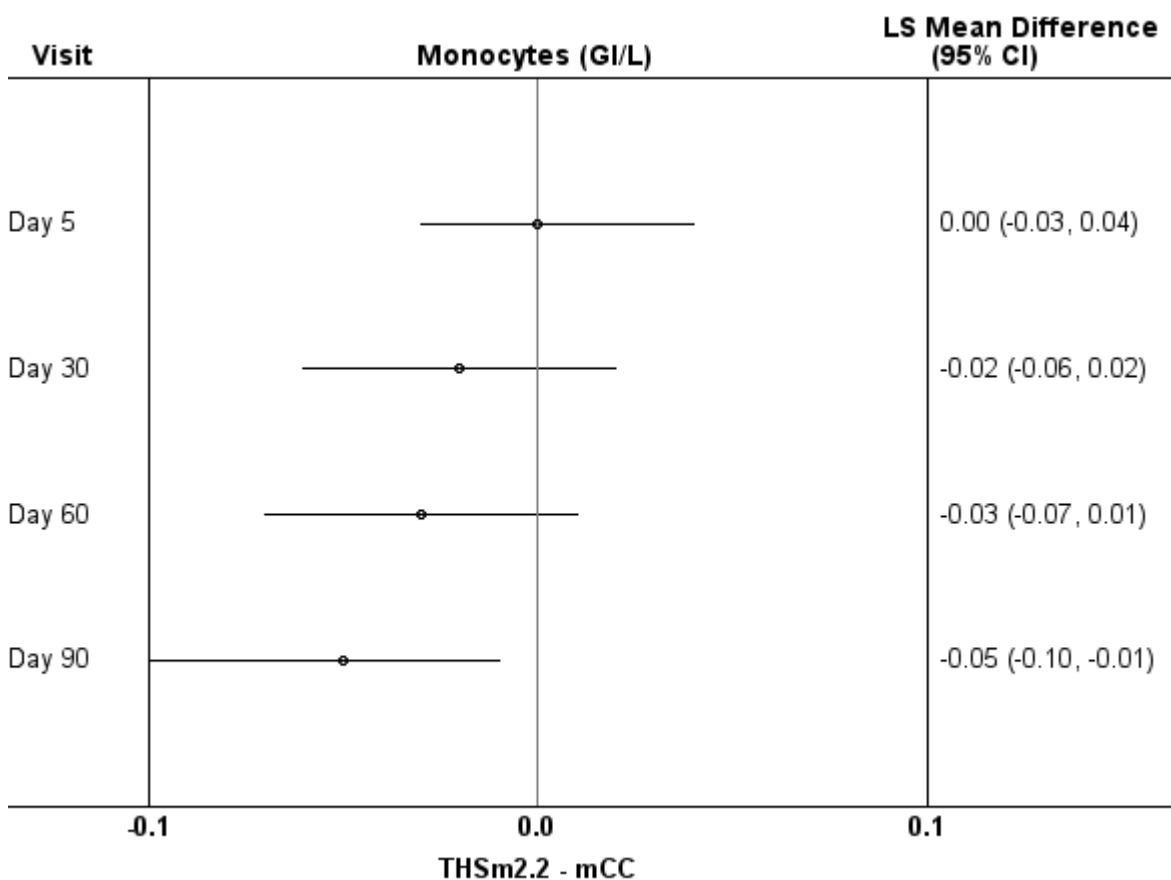
Appendix: 15.2.4.25.1

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**Figure 15.1.2.2 Forest Plot of Statistical Analysis of Risk Markers - PP Set**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Where symbols < or > appear the estimate or CI is outside of the reporting scale.

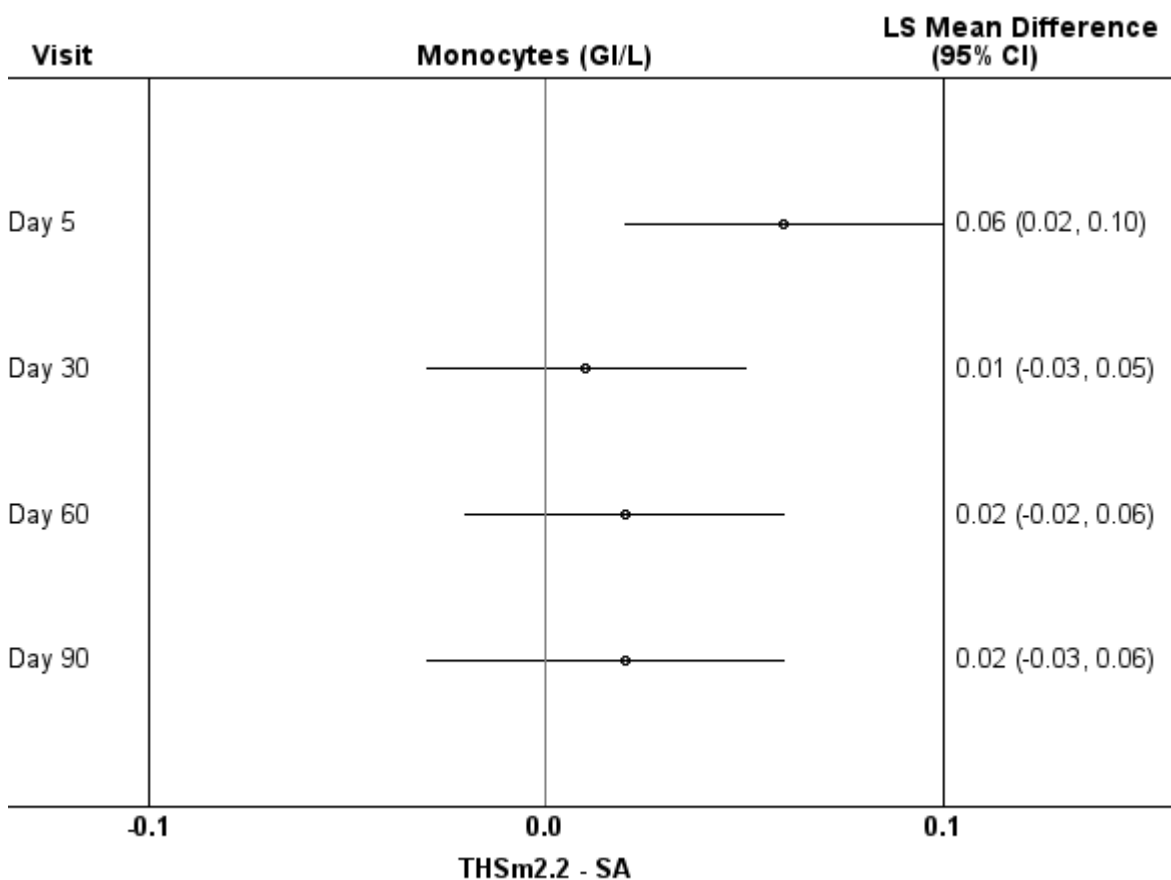
Appendix: 15.2.4.25.1

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**Figure 15.1.2.2 Forest Plot of Statistical Analysis of Risk Markers - PP Set**

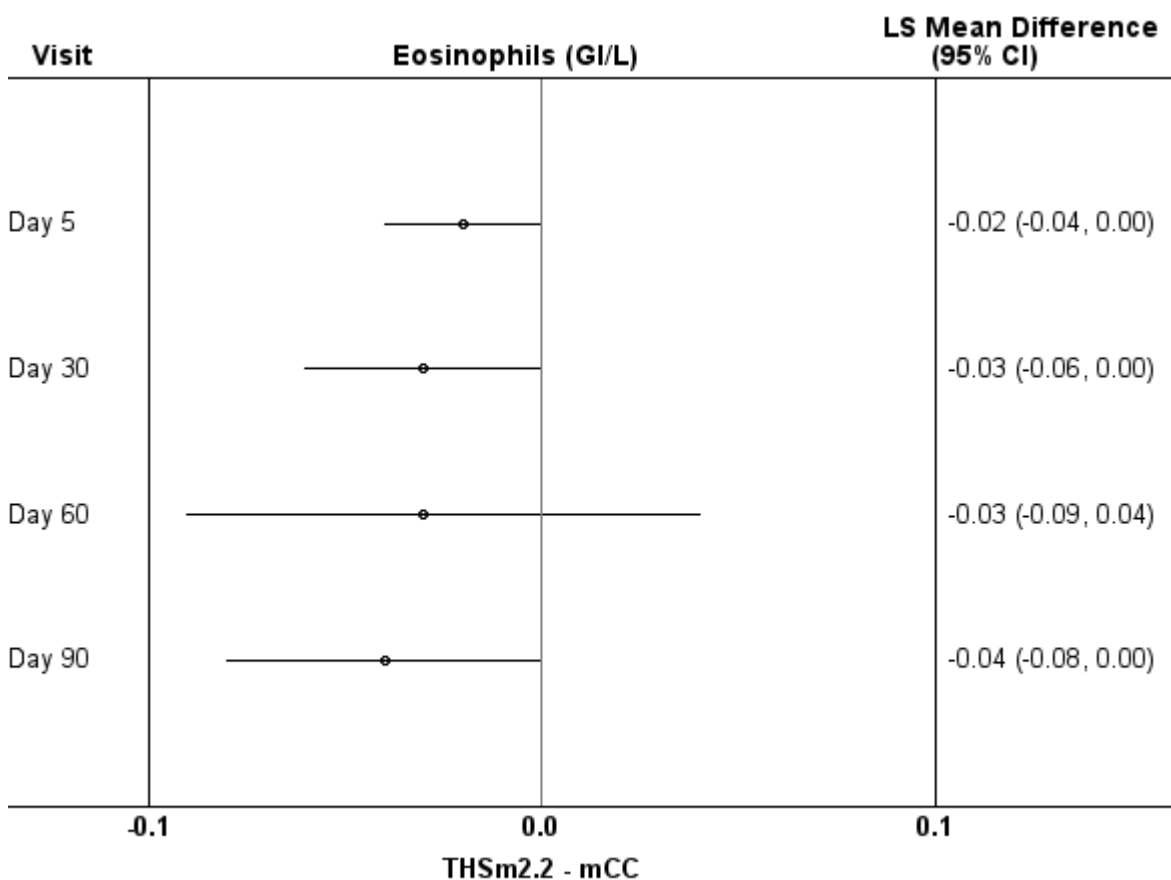
Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Where symbols < or > appear the estimate or CI is outside of the reporting scale.

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**Figure 15.1.2.2 Forest Plot of Statistical Analysis of Risk Markers - PP Set**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Where symbols < or > appear the estimate or CI is outside of the reporting scale.

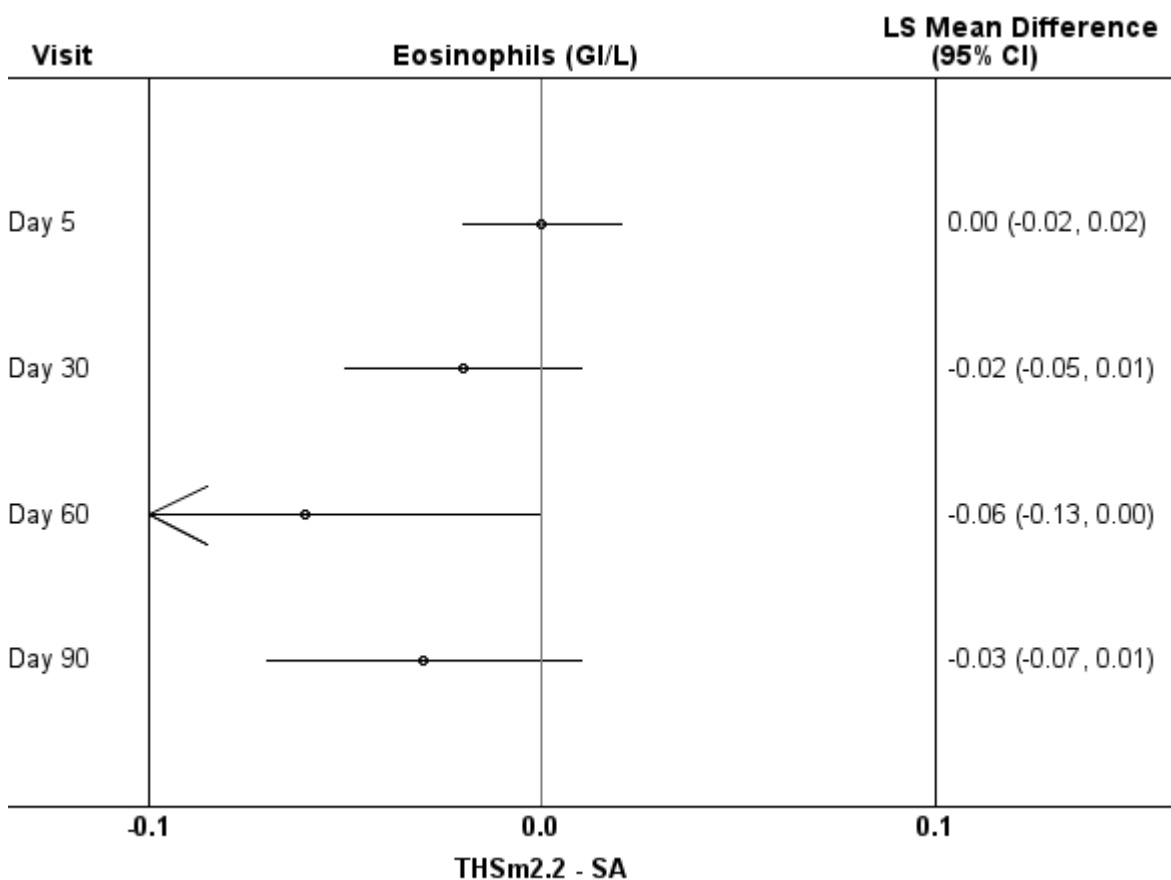
Appendix: 15.2.4.25.1

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**Figure 15.1.2.2 Forest Plot of Statistical Analysis of Risk Markers - PP Set**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Where symbols < or > appear the estimate or CI is outside of the reporting scale.

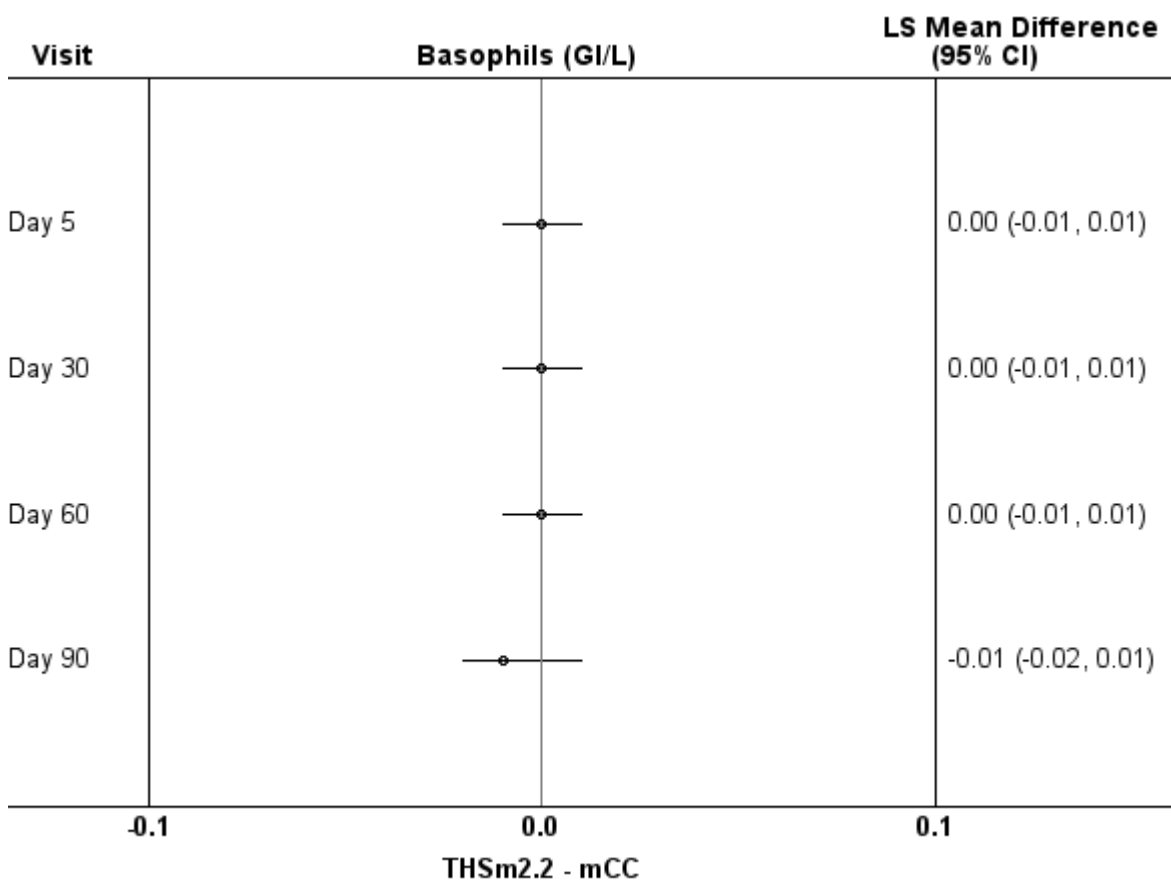
Appendix: 15.2.4.25.1

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**Figure 15.1.2.2 Forest Plot of Statistical Analysis of Risk Markers - PP Set**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Where symbols < or > appear the estimate or CI is outside of the reporting scale.

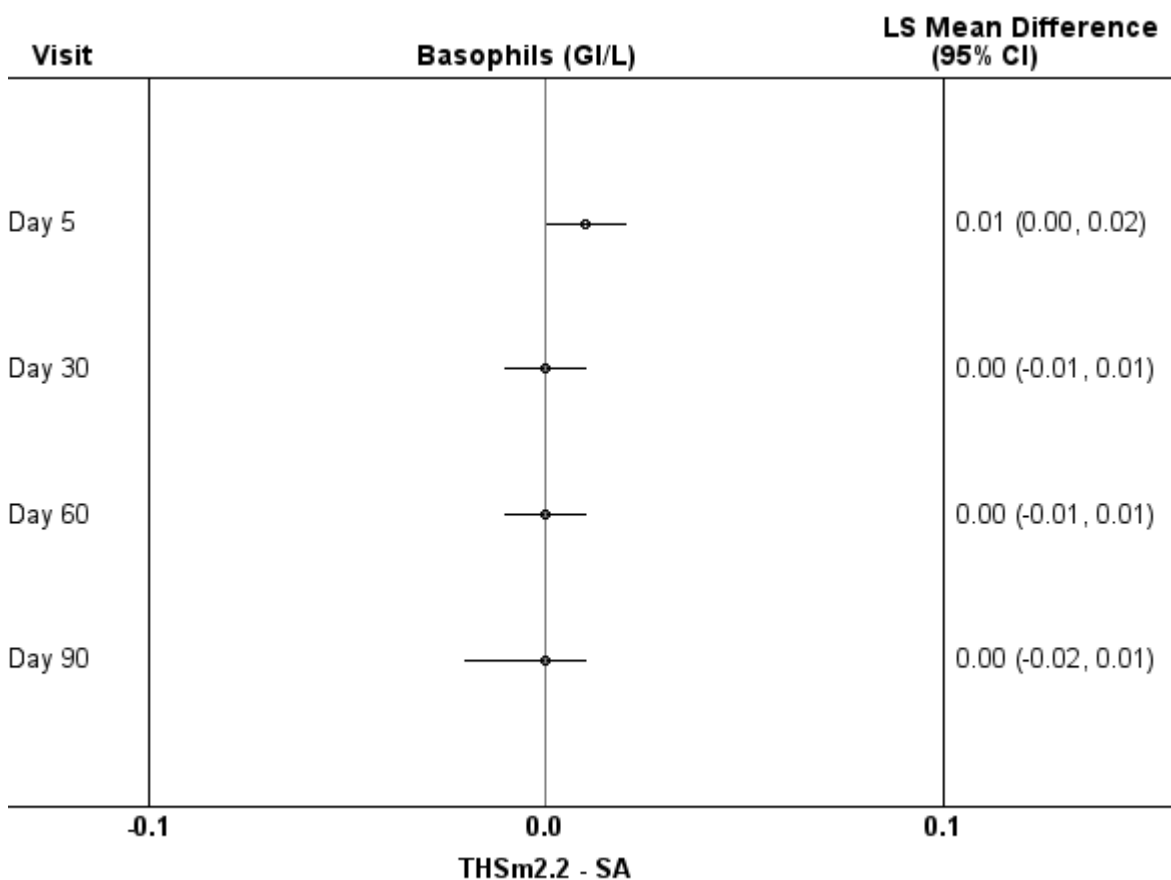
Appendix: 15.2.4.25.1

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**Figure 15.1.2.2 Forest Plot of Statistical Analysis of Risk Markers - PP Set**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Where symbols < or > appear the estimate or CI is outside of the reporting scale.

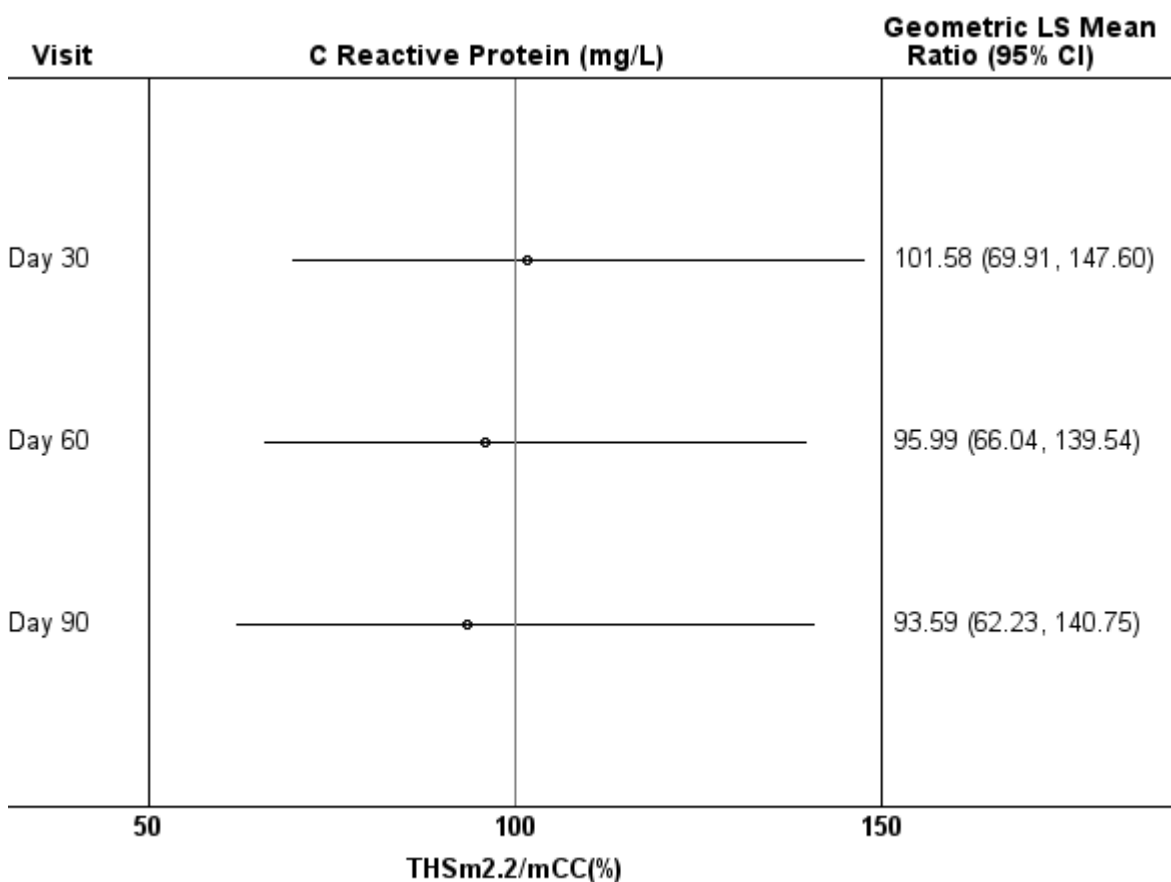
Appendix: 15.2.4.25.1

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**Figure 15.1.2.2 Forest Plot of Statistical Analysis of Risk Markers - PP Set**

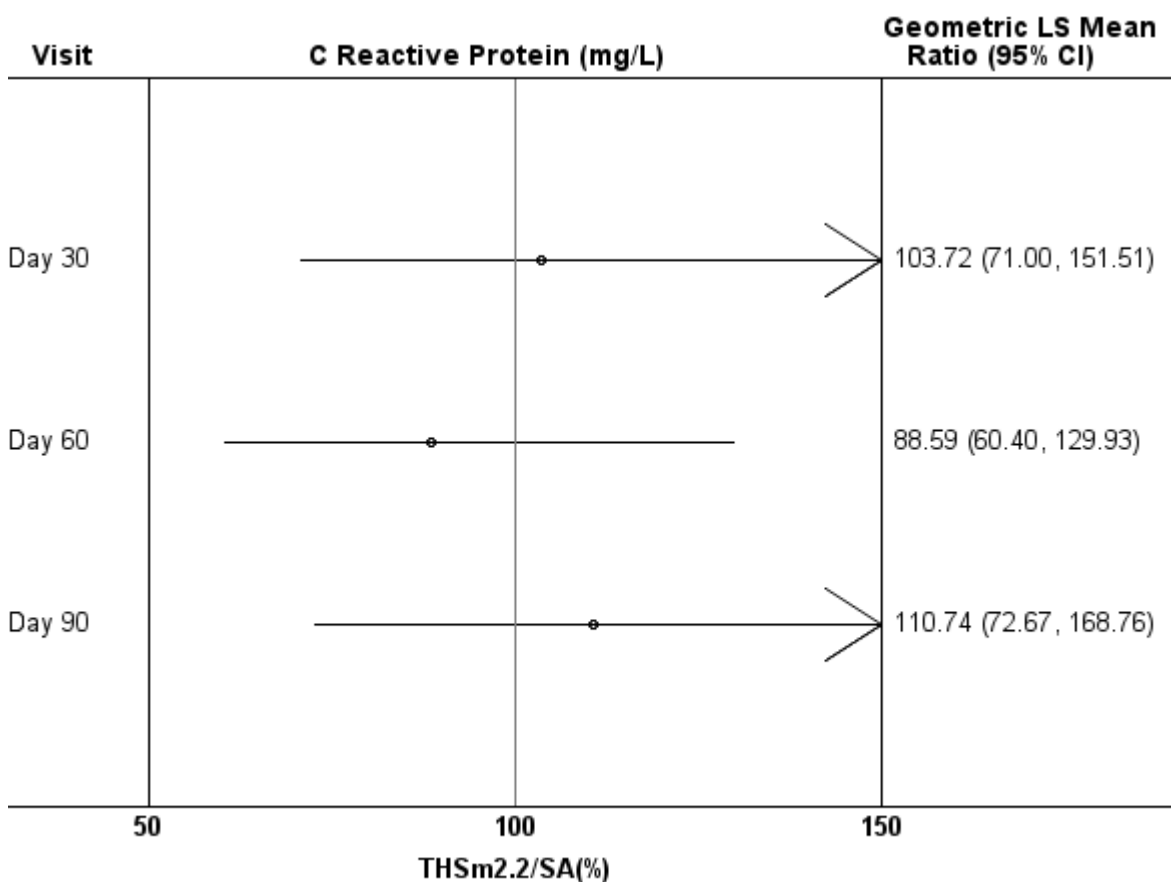
Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Where symbols < or > appear the estimate or CI is outside of the reporting scale.

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**Figure 15.1.2.2 Forest Plot of Statistical Analysis of Risk Markers - PP Set**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Where symbols < or > appear the estimate or CI is outside of the reporting scale.

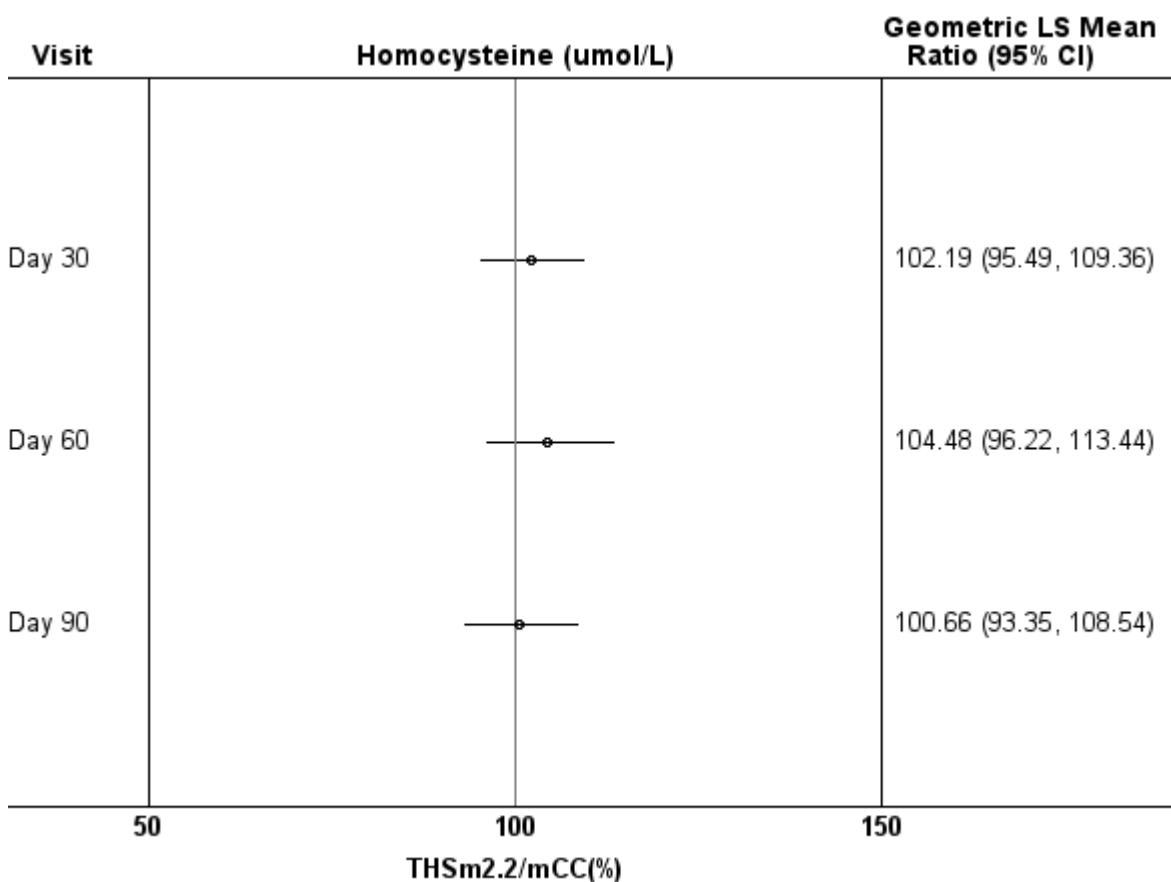
Appendix: 15.2.4.25.1

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**Figure 15.1.2.2 Forest Plot of Statistical Analysis of Risk Markers - PP Set**

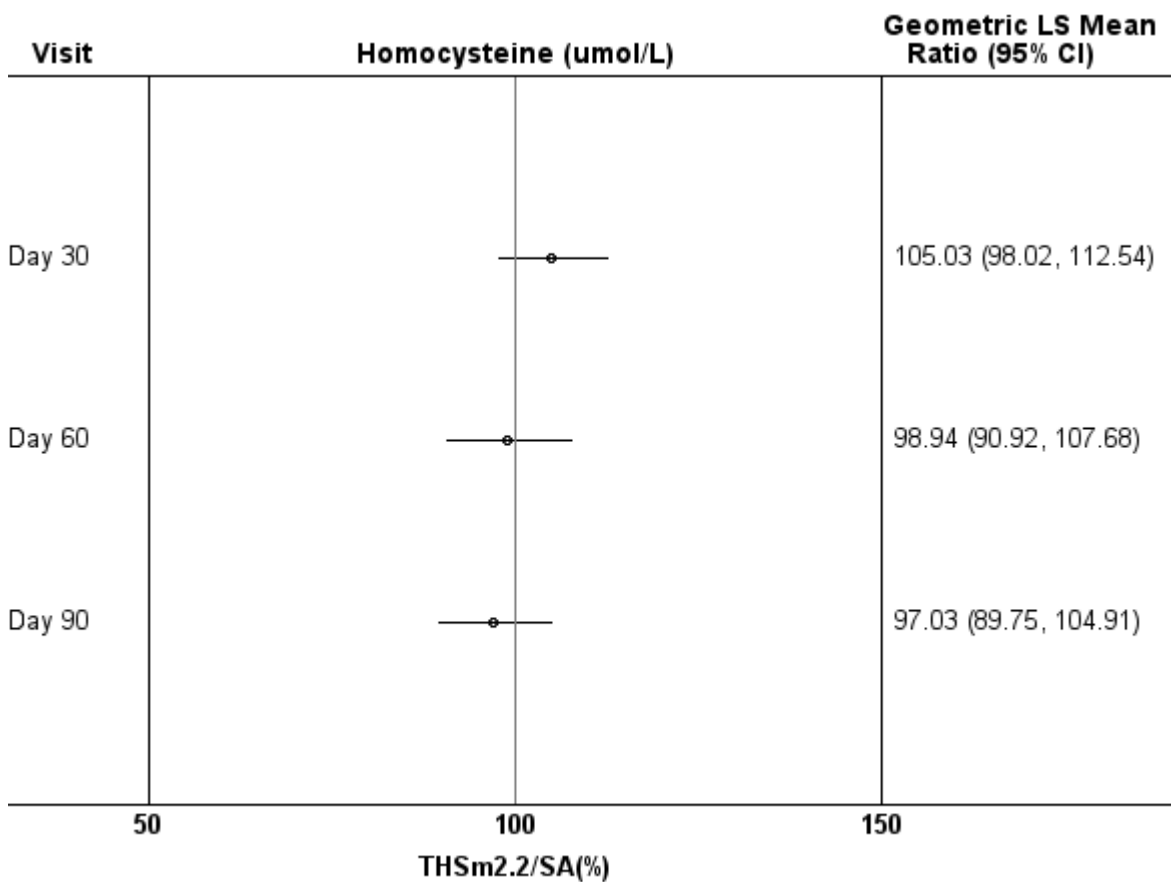
Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Where symbols < or > appear the estimate or CI is outside of the reporting scale.

Appendix: 15.2.4.25.1

Study ID: ZRHM-REXA-07-JP

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**Figure 15.1.2.2 Forest Plot of Statistical Analysis of Risk Markers - PP Set**

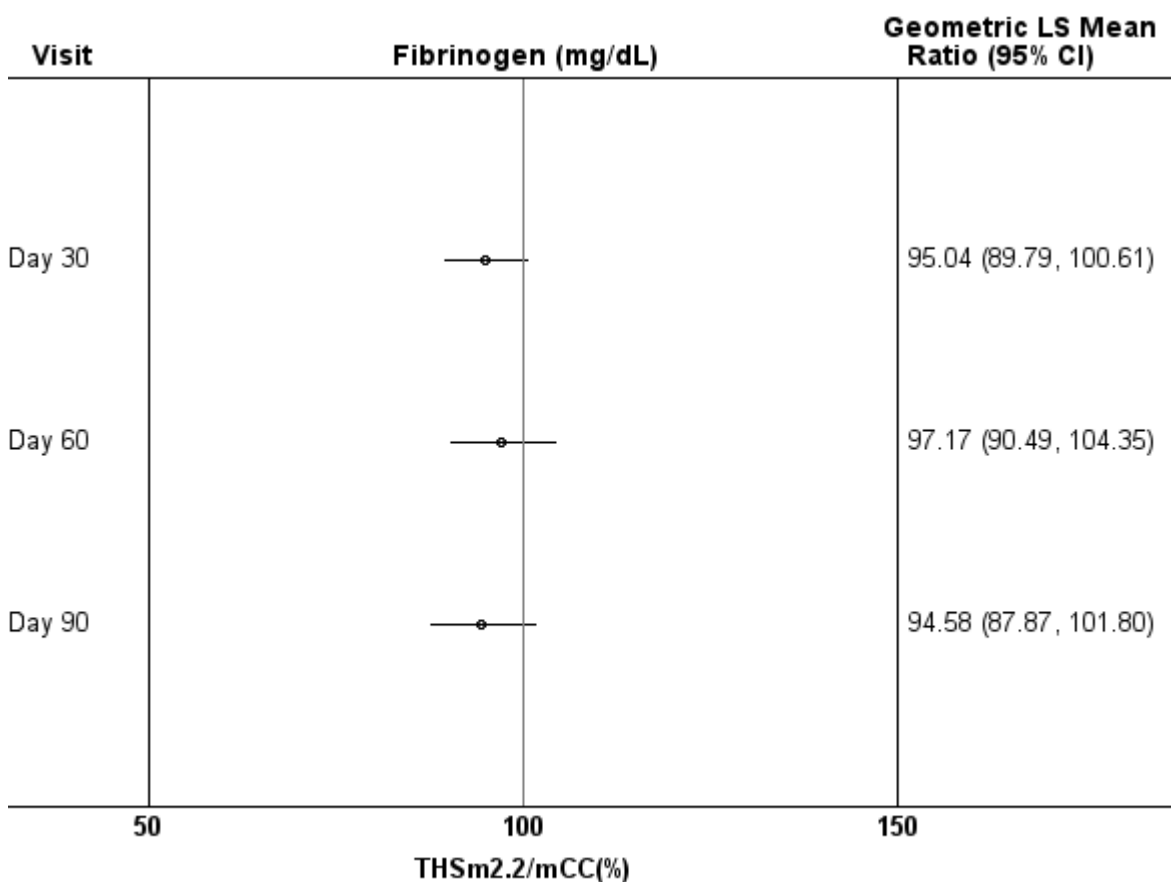
Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Where symbols < or > appear the estimate or CI is outside of the reporting scale.

Appendix: 15.2.4.25.1

Study ID: ZRHM-REXA-07-JP

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**Figure 15.1.2.2 Forest Plot of Statistical Analysis of Risk Markers - PP Set**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Where symbols < or > appear the estimate or CI is outside of the reporting scale.

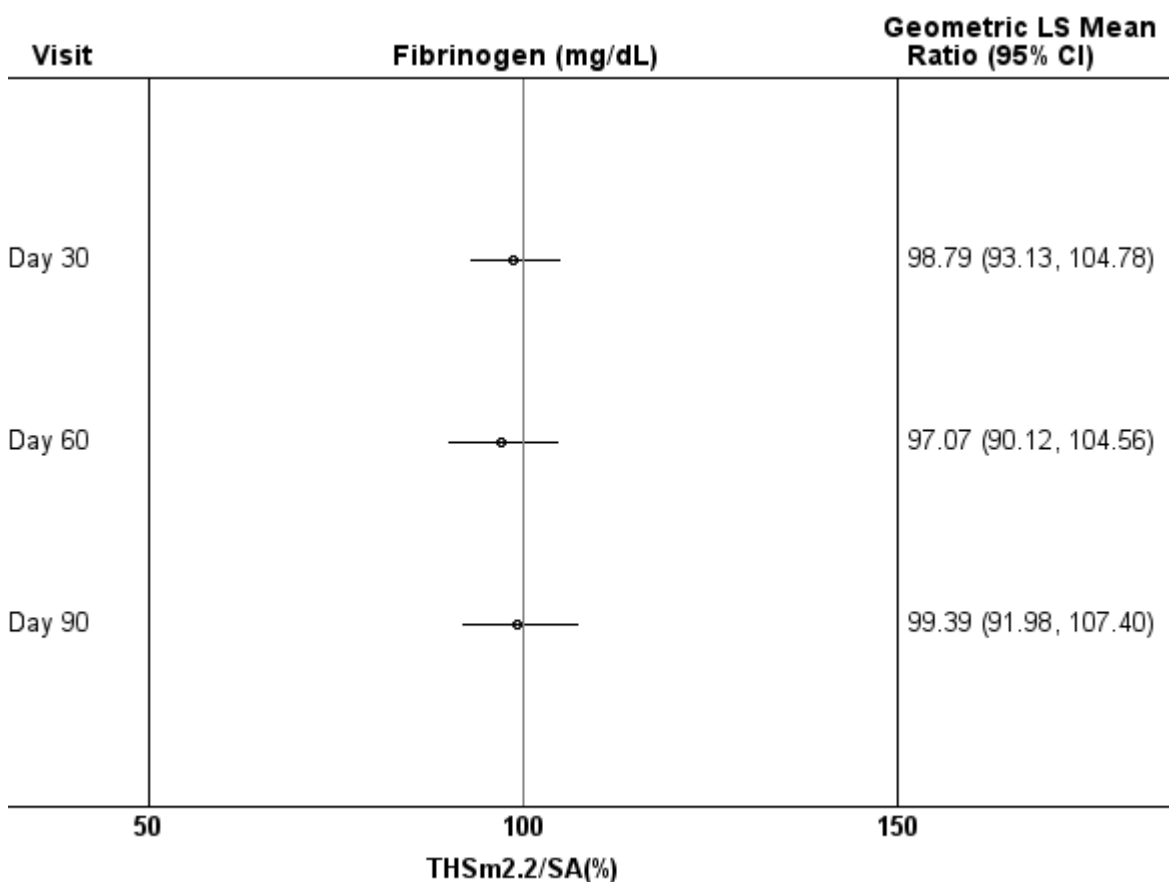
Appendix: 15.2.4.25.1

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**Figure 15.1.2.2 Forest Plot of Statistical Analysis of Risk Markers - PP Set**

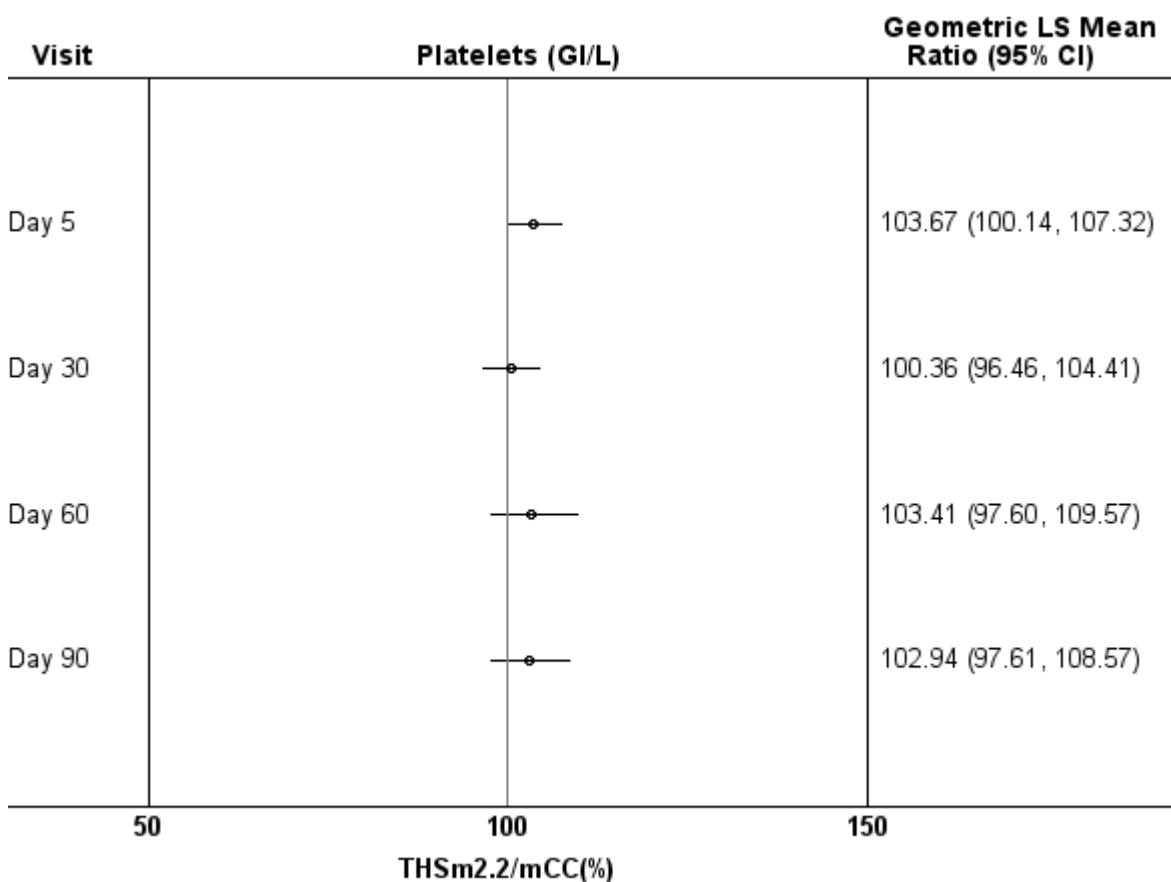
Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Where symbols < or > appear the estimate or CI is outside of the reporting scale.

Appendix: 15.2.4.25.1

Study ID: ZRHM-REXA-07-JP

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**Figure 15.1.2.2 Forest Plot of Statistical Analysis of Risk Markers - PP Set**

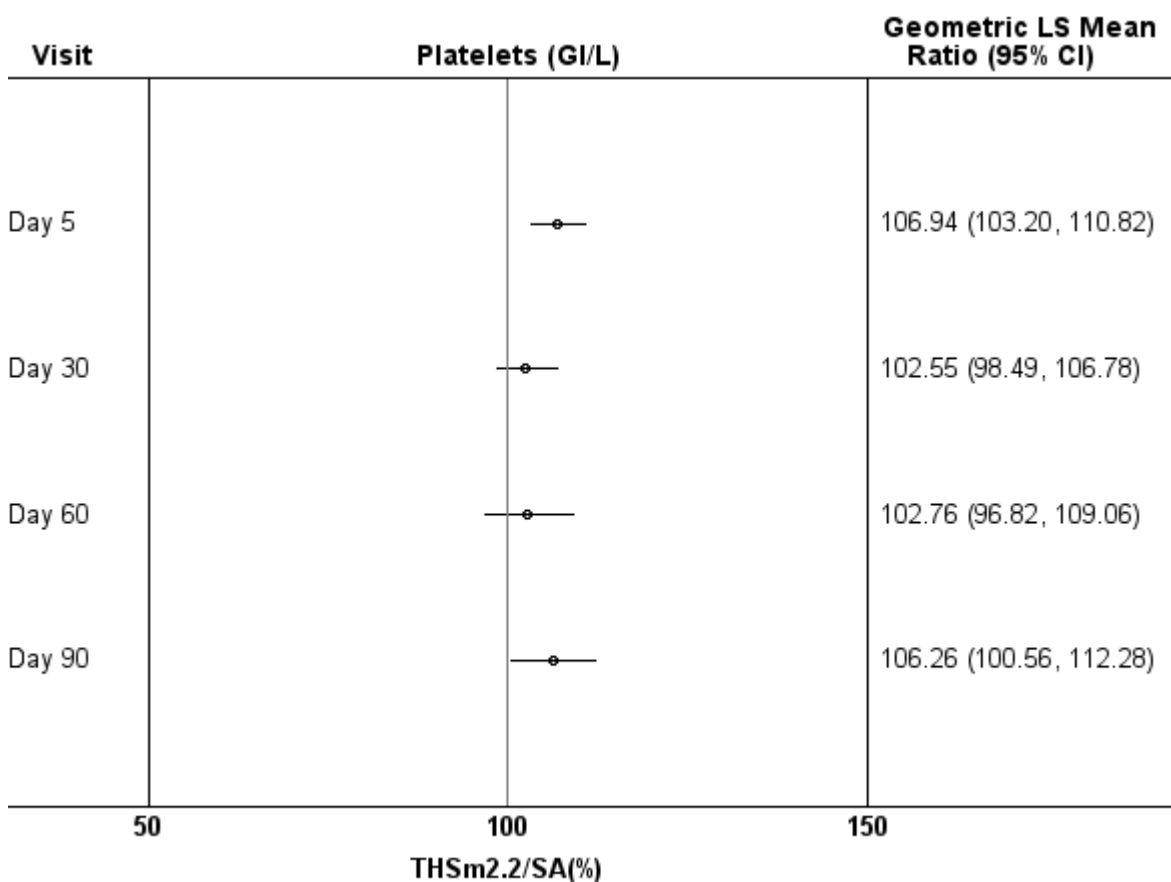
Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Where symbols < or > appear the estimate or CI is outside of the reporting scale.

Appendix: 15.2.4.25.1

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**Figure 15.1.2.2 Forest Plot of Statistical Analysis of Risk Markers - PP Set**

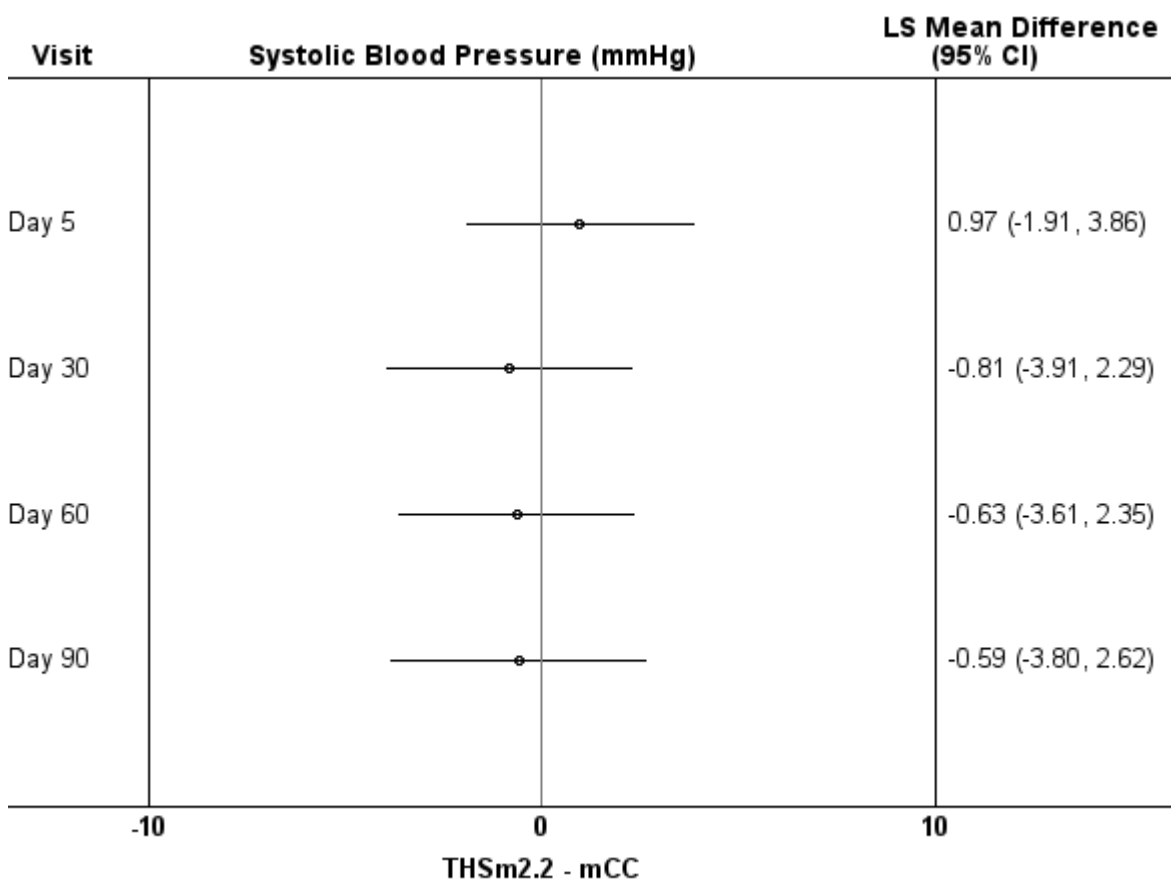
Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

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Appendix: 15.2.4.25.1

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**Figure 15.1.2.2 Forest Plot of Statistical Analysis of Risk Markers - PP Set**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Where symbols < or > appear the estimate or CI is outside of the reporting scale.

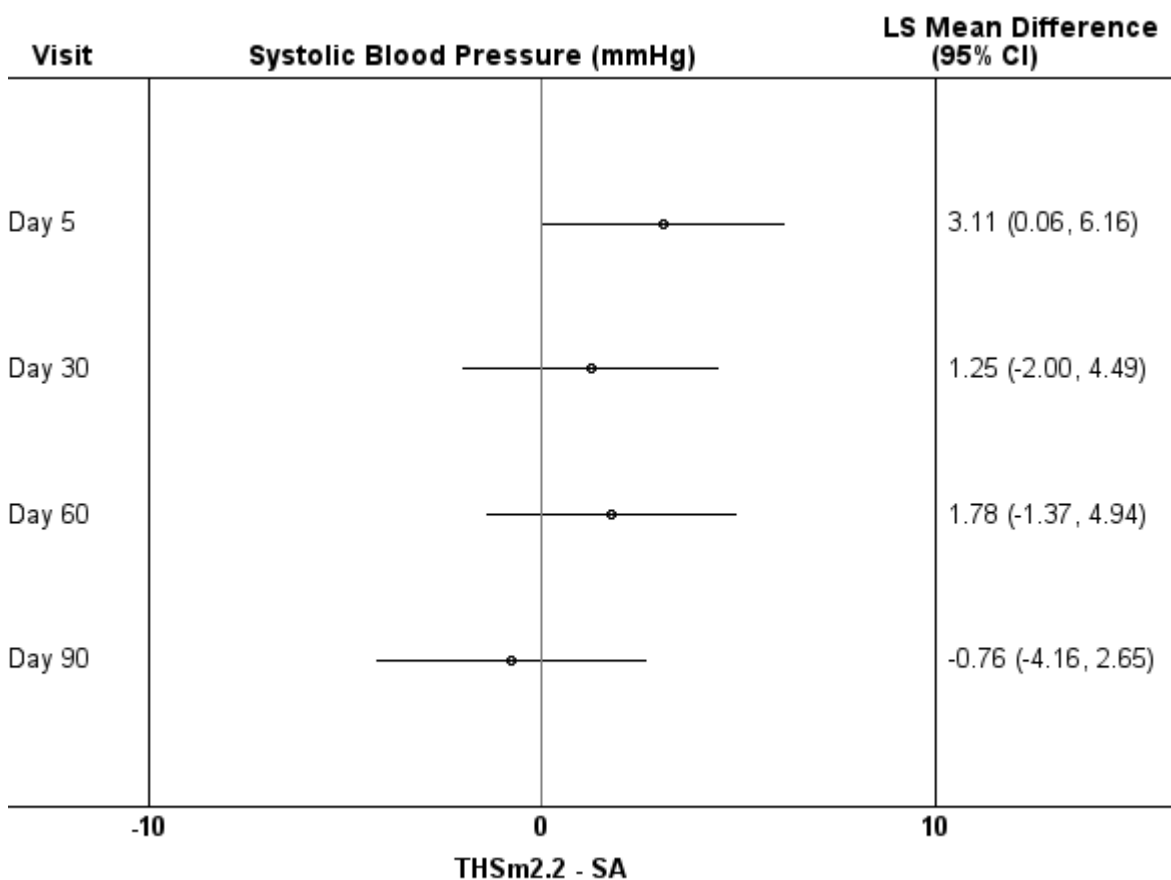
Appendix: 15.2.4.25.1

Study ID: ZRHM-REXA-07-JP

Program: f15010202-ZRHM-REXA-07-JP-v3.0.sas

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**Figure 15.1.2.2 Forest Plot of Statistical Analysis of Risk Markers - PP Set**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Where symbols < or > appear the estimate or CI is outside of the reporting scale.

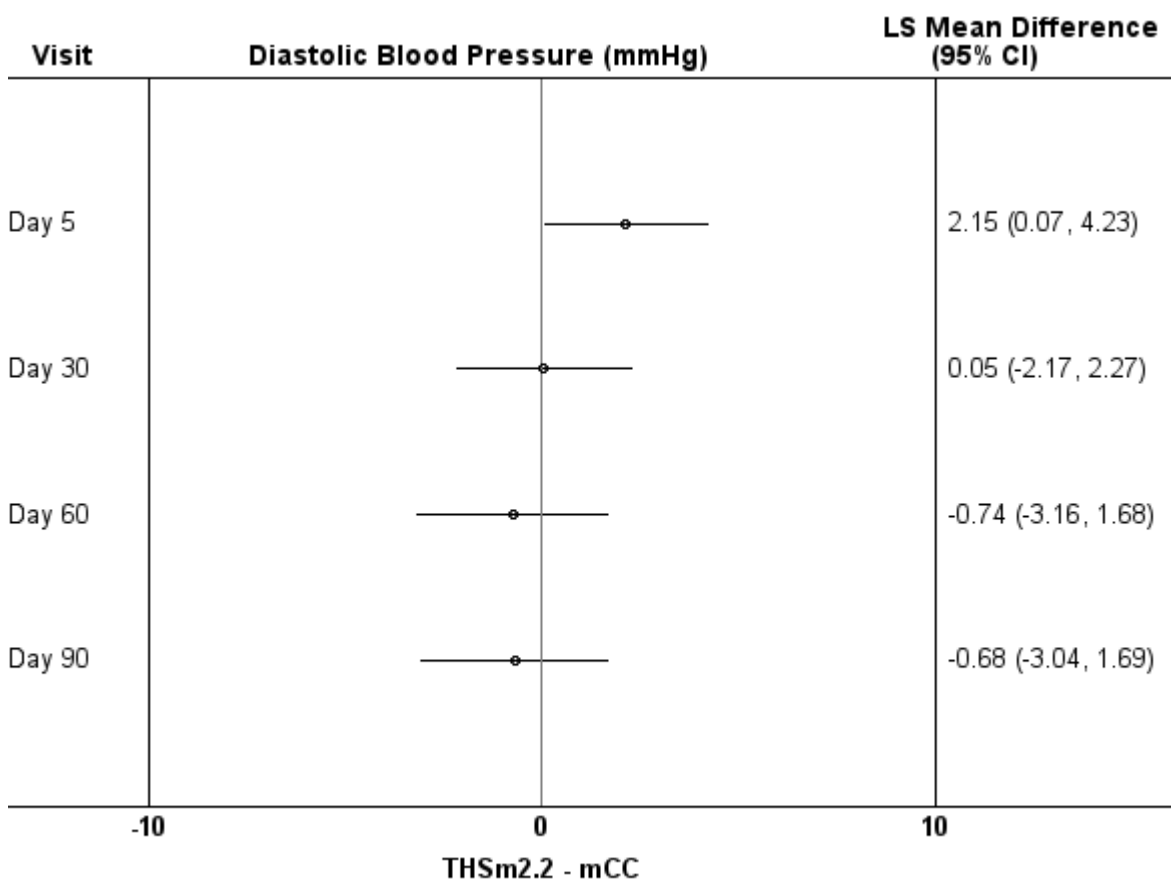
Appendix: 15.2.4.25.1

Study ID: ZRHM-REXA-07-JP

Program: f15010202-ZRHM-REXA-07-JP-v3.0.sas

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**Figure 15.1.2.2 Forest Plot of Statistical Analysis of Risk Markers - PP Set**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Where symbols < or > appear the estimate or CI is outside of the reporting scale.

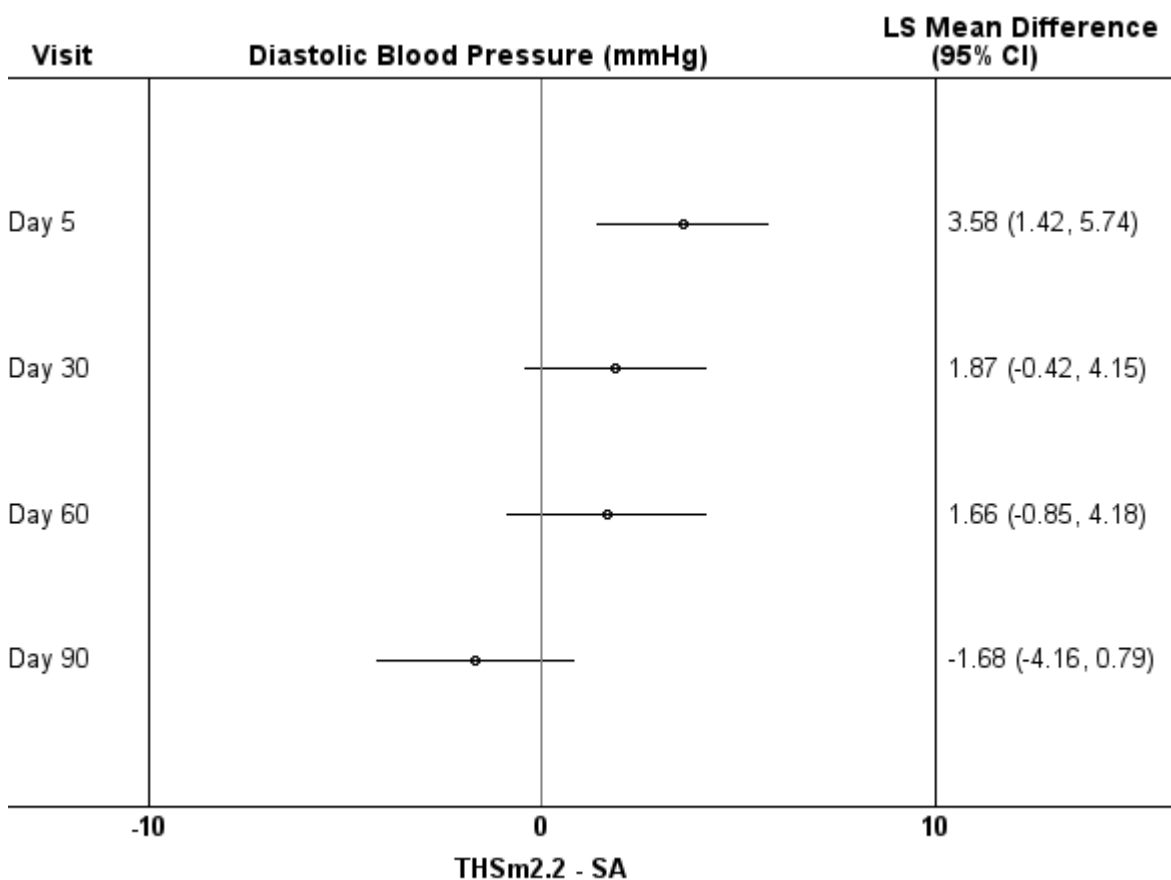
Appendix: 15.2.4.25.1

Study ID: ZRHM-REXA-07-JP

Program: f15010202-ZRHM-REXA-07-JP-v3.0.sas

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**Figure 15.1.2.2 Forest Plot of Statistical Analysis of Risk Markers - PP Set**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Where symbols < or > appear the estimate or CI is outside of the reporting scale.

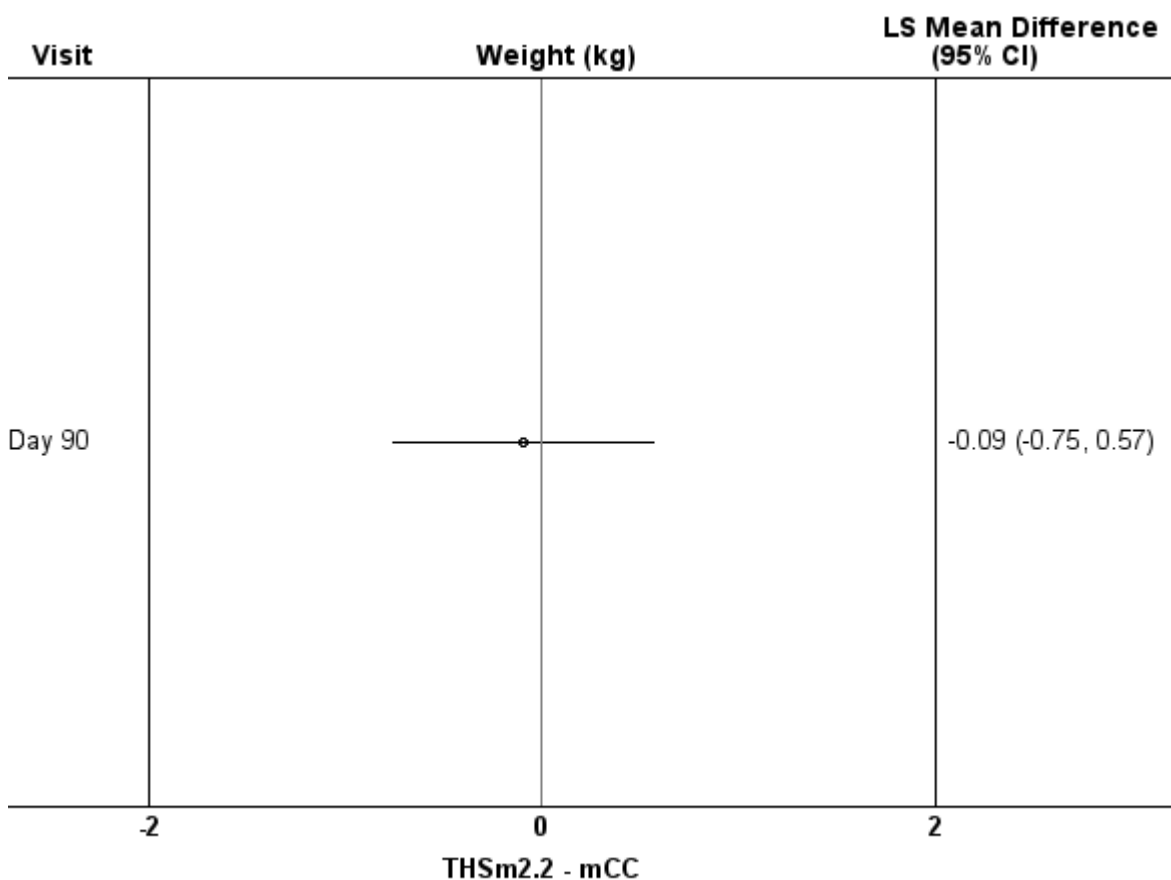
Appendix: 15.2.4.25.1

Study ID: ZRHM-REXA-07-JP

Program: f15010202-ZRHM-REXA-07-JP-v3.0.sas

Status: Final/03AUG2015

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**Figure 15.1.2.2 Forest Plot of Statistical Analysis of Risk Markers - PP Set**

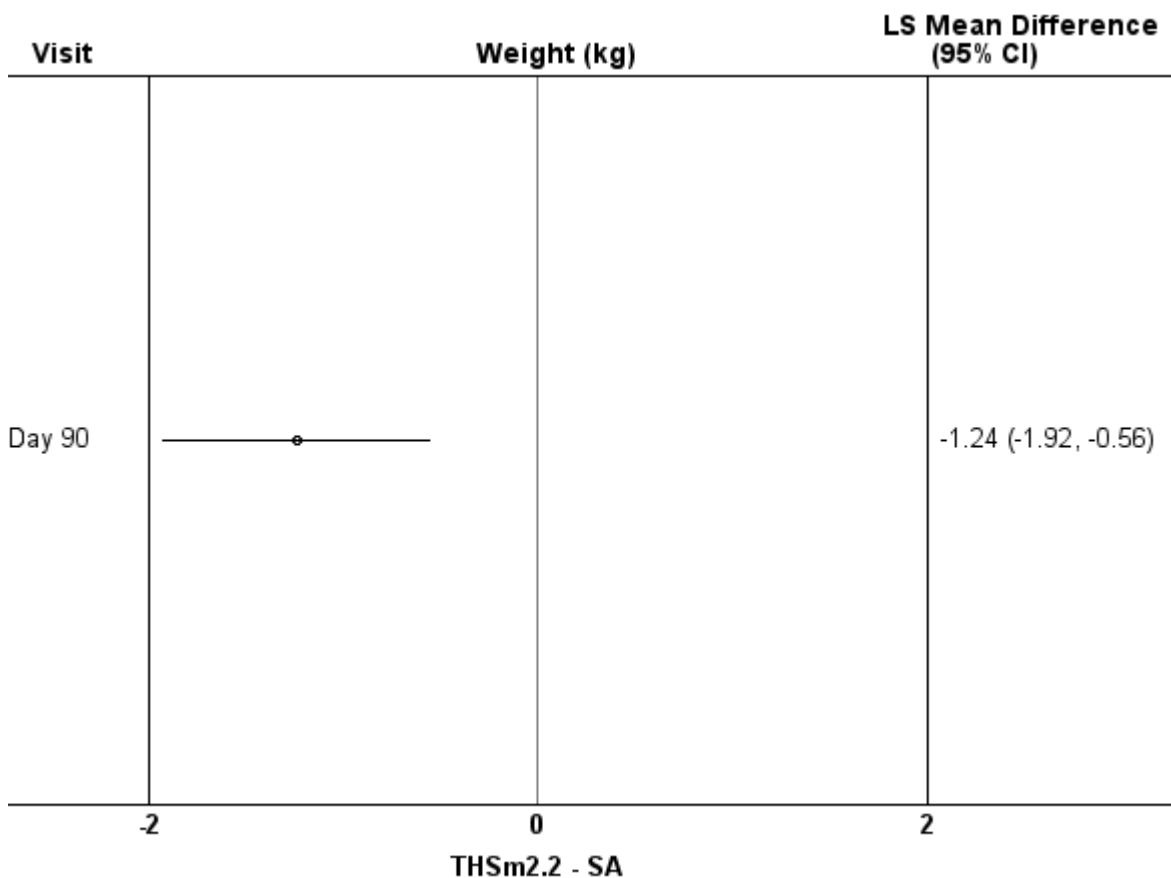
Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Where symbols < or > appear the estimate or CI is outside of the reporting scale.

Appendix: 15.2.4.25.1

Study ID: ZRHM-REXA-07-JP

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**Figure 15.1.2.2 Forest Plot of Statistical Analysis of Risk Markers - PP Set**

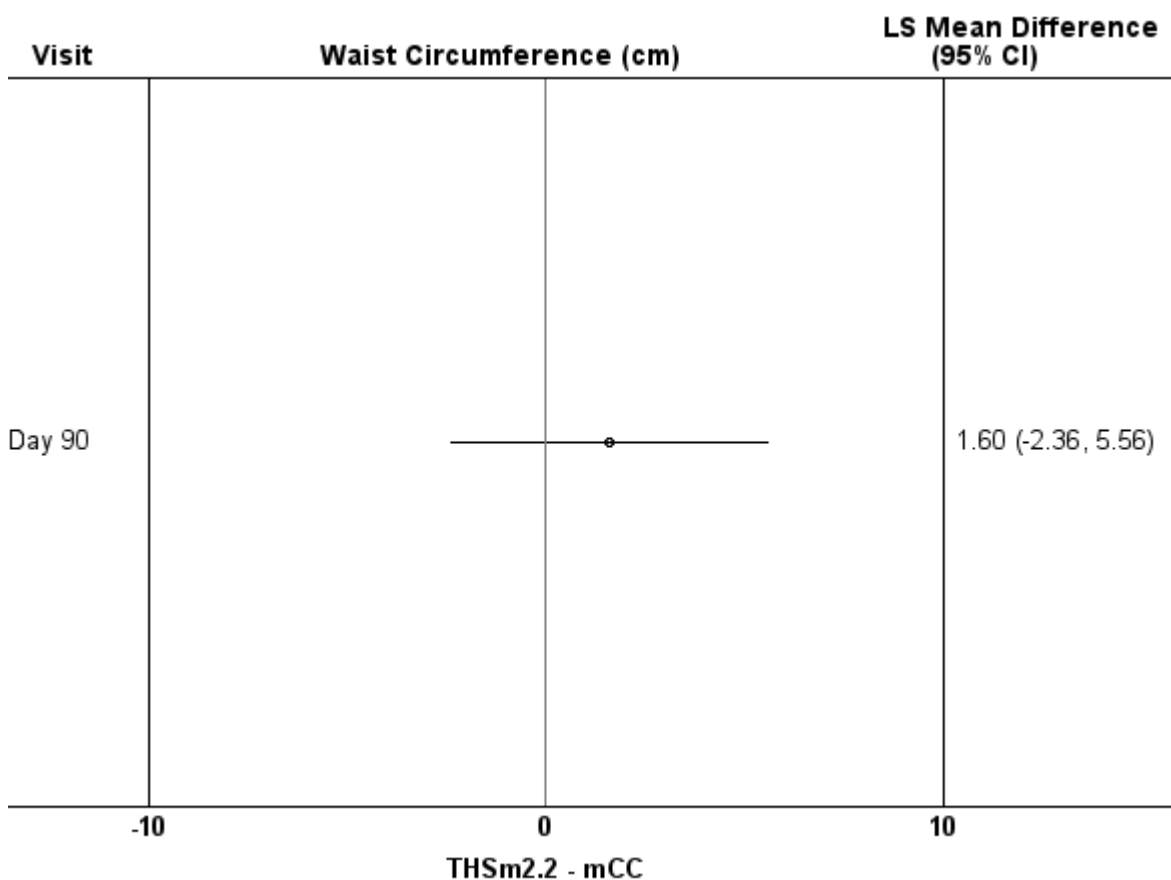
Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Where symbols < or > appear the estimate or CI is outside of the reporting scale.

Appendix: 15.2.4.25.1

Study ID: ZRHM-REXA-07-JP

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**Figure 15.1.2.2 Forest Plot of Statistical Analysis of Risk Markers - PP Set**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Where symbols < or > appear the estimate or CI is outside of the reporting scale.

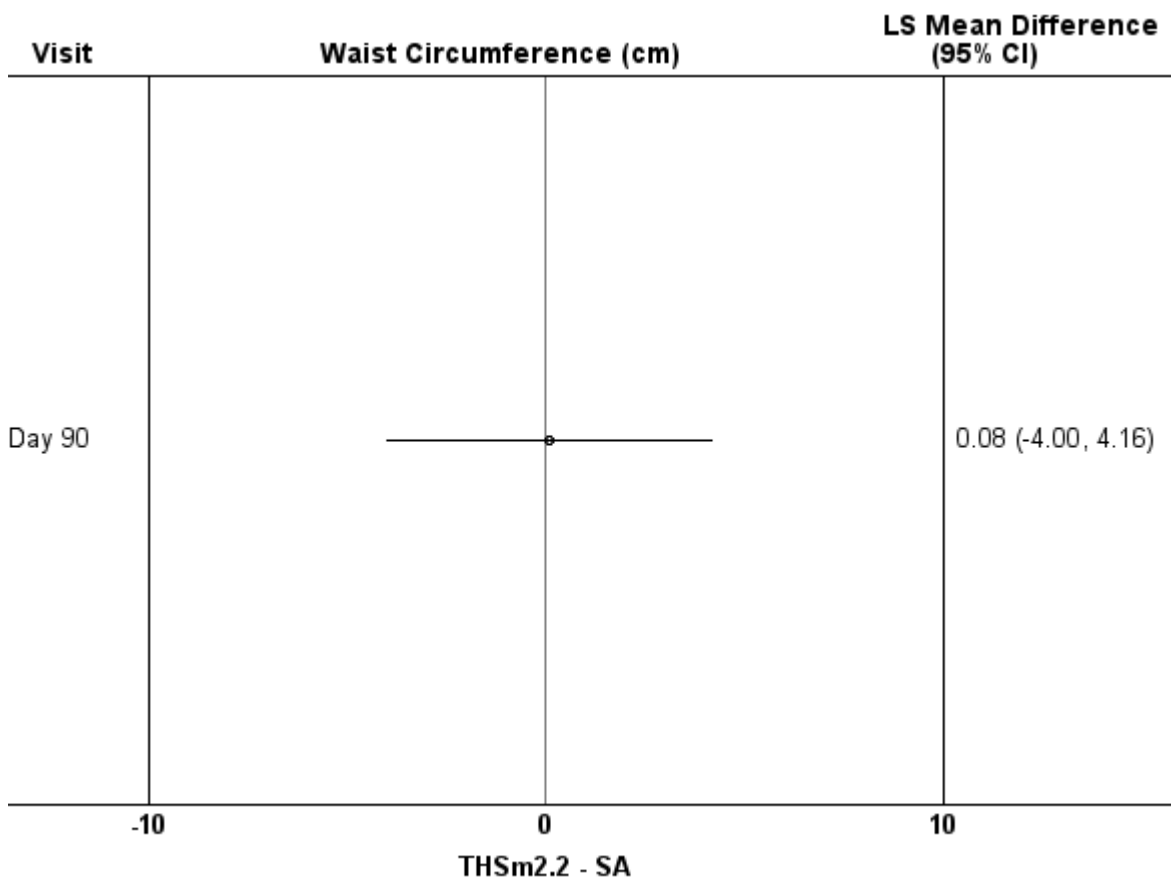
Appendix: 15.2.4.25.1

Study ID: ZRHM-REXA-07-JP

Program: f15010202-ZRHM-REXA-07-JP-v3.0.sas

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**Figure 15.1.2.2 Forest Plot of Statistical Analysis of Risk Markers - PP Set**

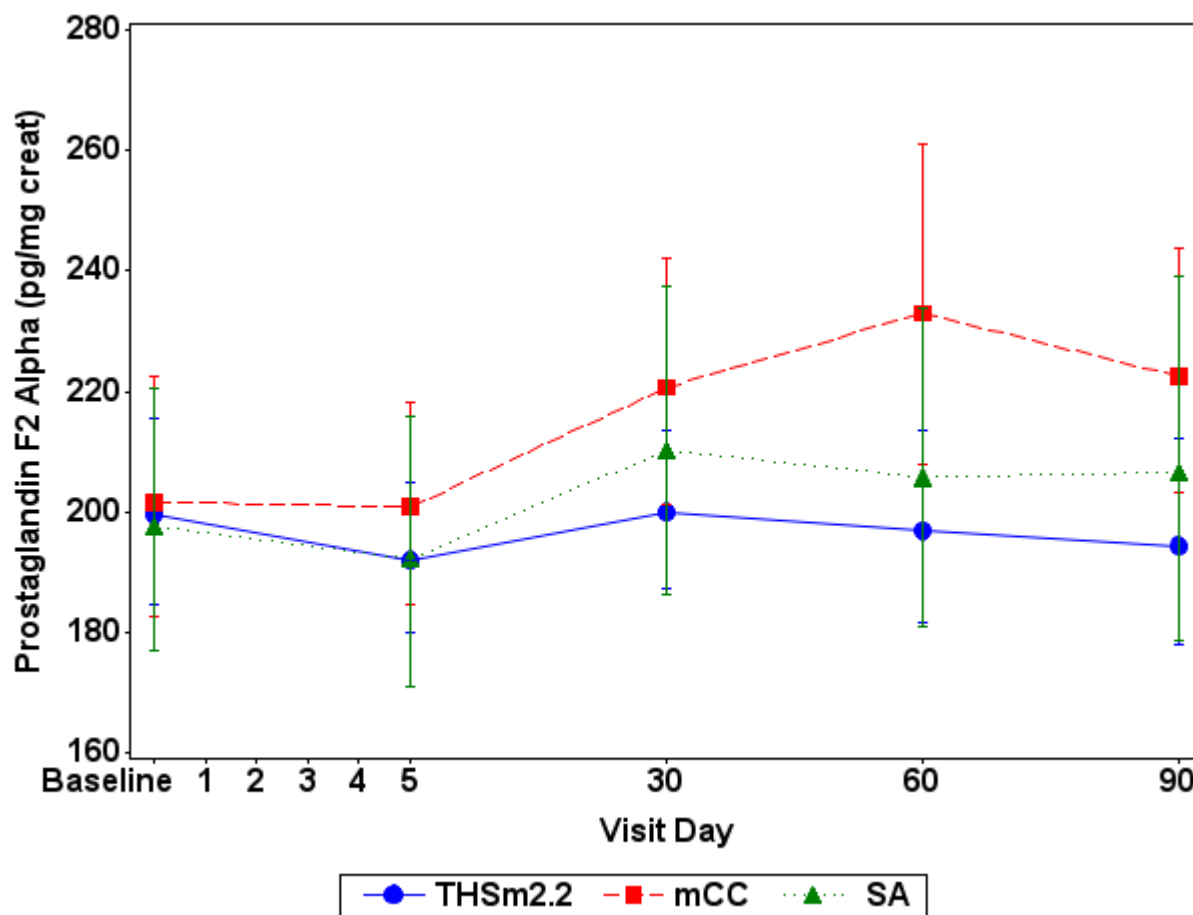
Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Where symbols < or > appear the estimate or CI is outside of the reporting scale.

Appendix: 15.2.4.25.1

Study ID: ZRHM-REXA-07-JP

Program: f15010202-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 46 of 46

**Figure 15.1.2.3.1 Risk Markers Mean and 95% CI - PP Set**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the PP Set for Period 1.

Geometric mean:

Prostaglandin F2 Alpha (pg/mg creat), 11-Dehydro-Thromboxane B2 (pg/mg creat), Interleukin Adhesion Molecule 1 (ng/mL), Glucose (mg/dL), C Reactive Protein (mg/L), Homocysteine (umol/L), Fibrinogen (mg/dL), Platelets (GI/L)

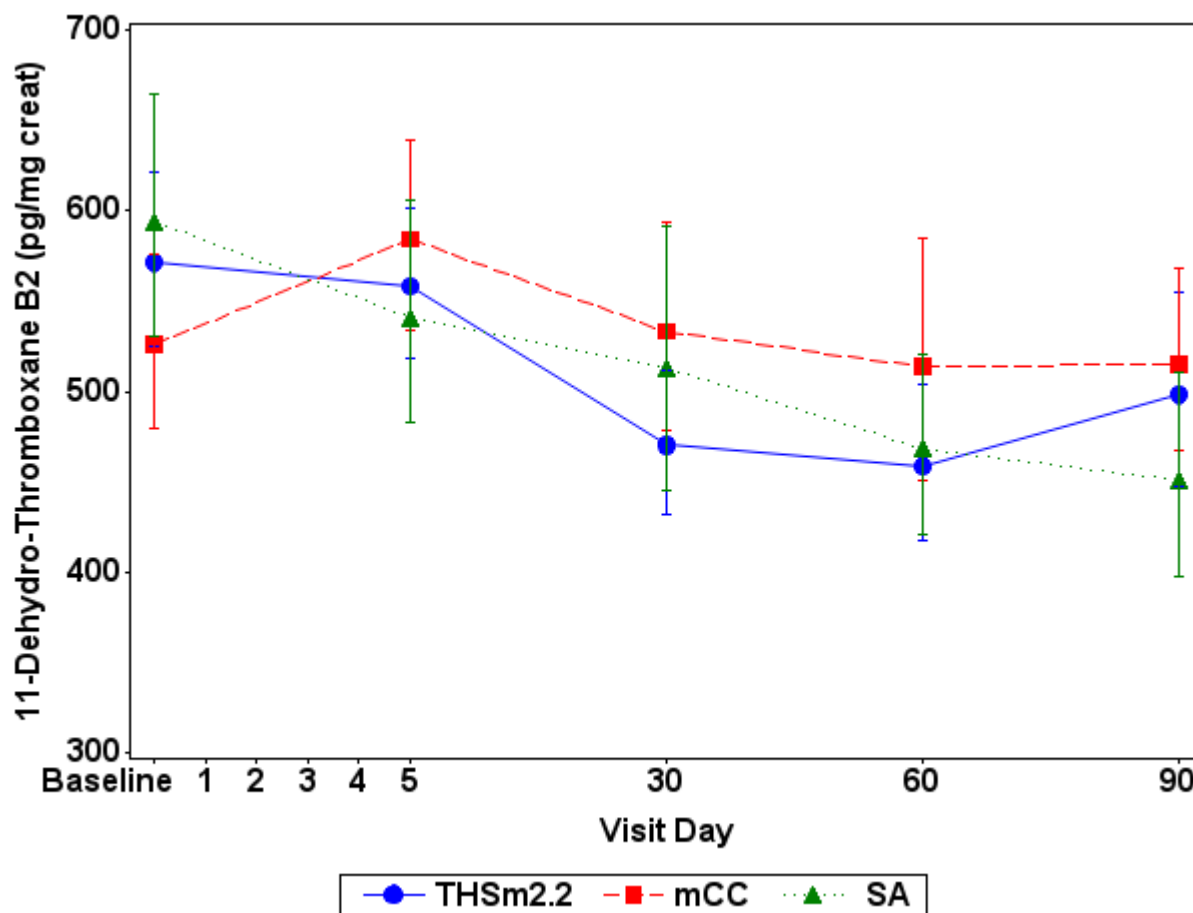
Arithmetic mean:

Triglycerides (mg/dL), Cholesterol (mg/dL), Hemoglobin A1C (%), HDL Cholesterol (mg/dL), LDL Cholesterol (mg/dL), Leukocytes (GI/L), Neutrophils (GI/L), Lymphocytes (GI/L), Monocytes (GI/L), Eosinophils (GI/L), Basophils (GI/L), Systolic Blood Pressure, Diastolic Blood Pressure, Weight, Waist Circumference

Appendix: 15.2.4.xx.1, with xx in 26 to 33

Study ID: ZRHM-REXA-07-JP

Program: f1501020301-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 1 of 23

**Figure 15.1.2.3.1 Risk Markers Mean and 95% CI - PP Set**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the PP Set for Period 1.

Geometric mean:

Prostaglandin F2 Alpha (pg/mg creat), 11-Dehydro-Thromboxane B2 (pg/mg creat), Interleukin Adhesion Molecule 1 (ng/mL), Glucose (mg/dL), C Reactive Protein (mg/L), Homocysteine (umol/L), Fibrinogen (mg/dL), Platelets (GI/L)

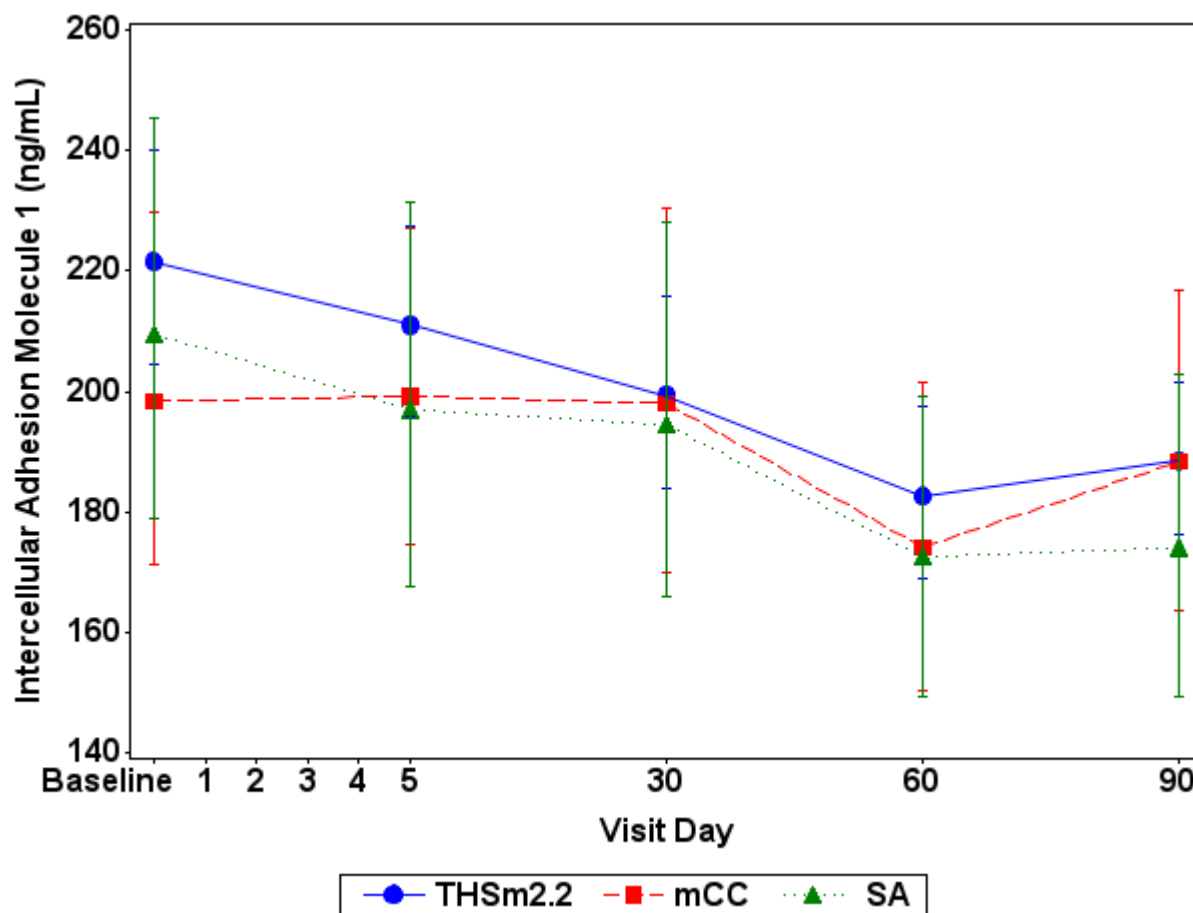
Arithmetic mean:

Triglycerides (mg/dL), Cholesterol (mg/dL), Hemoglobin A1C (%), HDL Cholesterol (mg/dL), LDL Cholesterol (mg/dL), Leukocytes (GI/L), Neutrophils (GI/L), Lymphocytes (GI/L), Monocytes (GI/L), Eosinophils (GI/L), Basophils (GI/L), Systolic Blood Pressure, Diastolic Blood Pressure, Weight, Waist Circumference

Appendix: 15.2.4.xx.1, with xx in 26 to 33

Study ID: ZRHM-REXA-07-JP

Program: f1501020301-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 2 of 23

**Figure 15.1.2.3.1 Risk Markers Mean and 95% CI - PP Set**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the PP Set for Period 1.

Geometric mean:

Prostaglandin F2 Alpha (pg/mg creat), 11-Dehydro-Thromboxane B2 (pg/mg creat), Intercellular Adhesion Molecule 1 (ng/mL), Glucose (mg/dL), C Reactive Protein (mg/L), Homocysteine (umol/L), Fibrinogen (mg/dL), Platelets (GI/L)

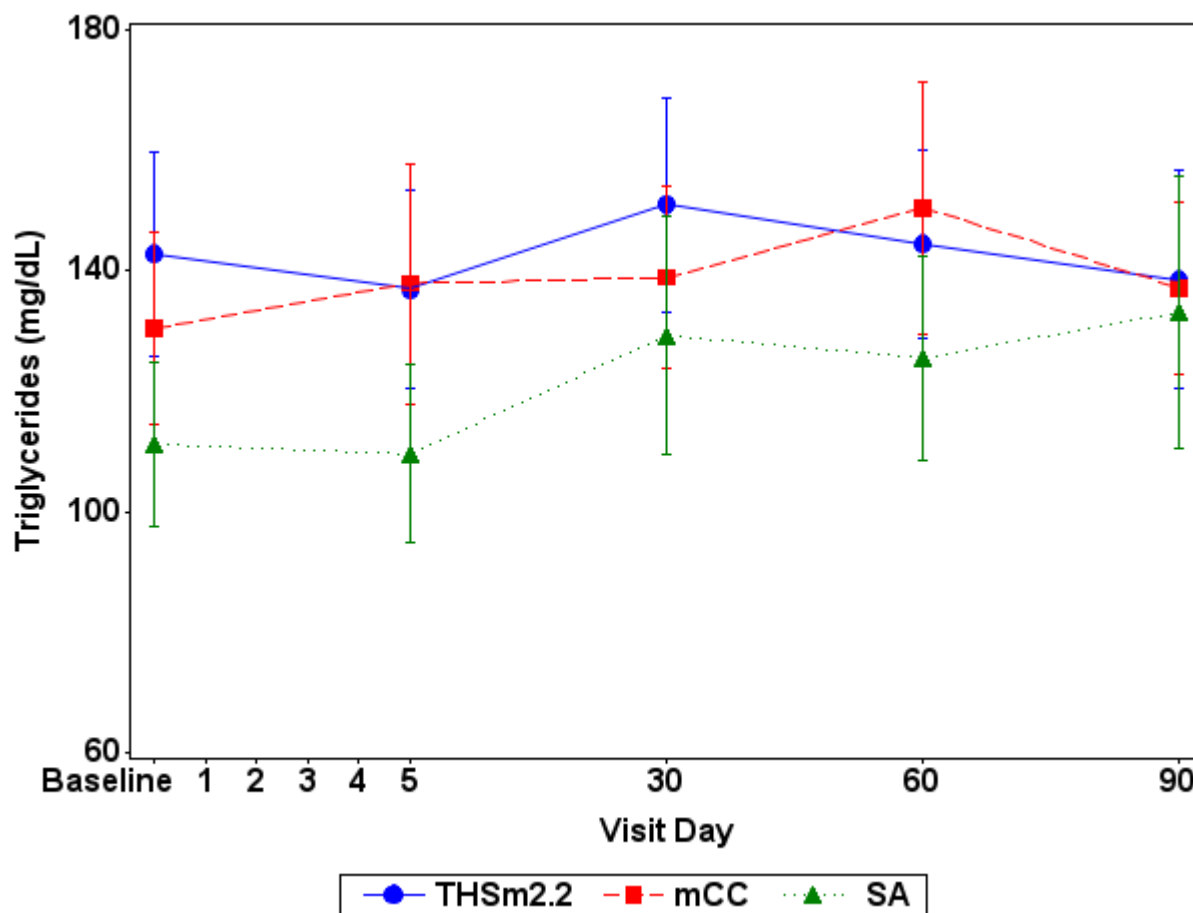
Arithmetic mean:

Triglycerides (mg/dL), Cholesterol (mg/dL), Hemoglobin A1C (%), HDL Cholesterol (mg/dL), LDL Cholesterol (mg/dL), Leukocytes (GI/L), Neutrophils (GI/L), Lymphocytes (GI/L), Monocytes (GI/L), Eosinophils (GI/L), Basophils (GI/L), Systolic Blood Pressure, Diastolic Blood Pressure, Weight, Waist Circumference

Appendix: 15.2.4.xx.1, with xx in 26 to 33

Study ID: ZRHM-REXA-07-JP

Program: f1501020301-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 3 of 23

**Figure 15.1.2.3.1 Risk Markers Mean and 95% CI - PP Set**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the PP Set for Period 1.

Geometric mean:

Prostaglandin F2 Alpha (pg/mg creat), 11-Dehydro-Thromboxane B2 (pg/mg creat), Intercellular Adhesion Molecule 1 (ng/mL), Glucose (mg/dL), C Reactive Protein (mg/L), Homocysteine (umol/L), Fibrinogen (mg/dL), Platelets (GI/L)

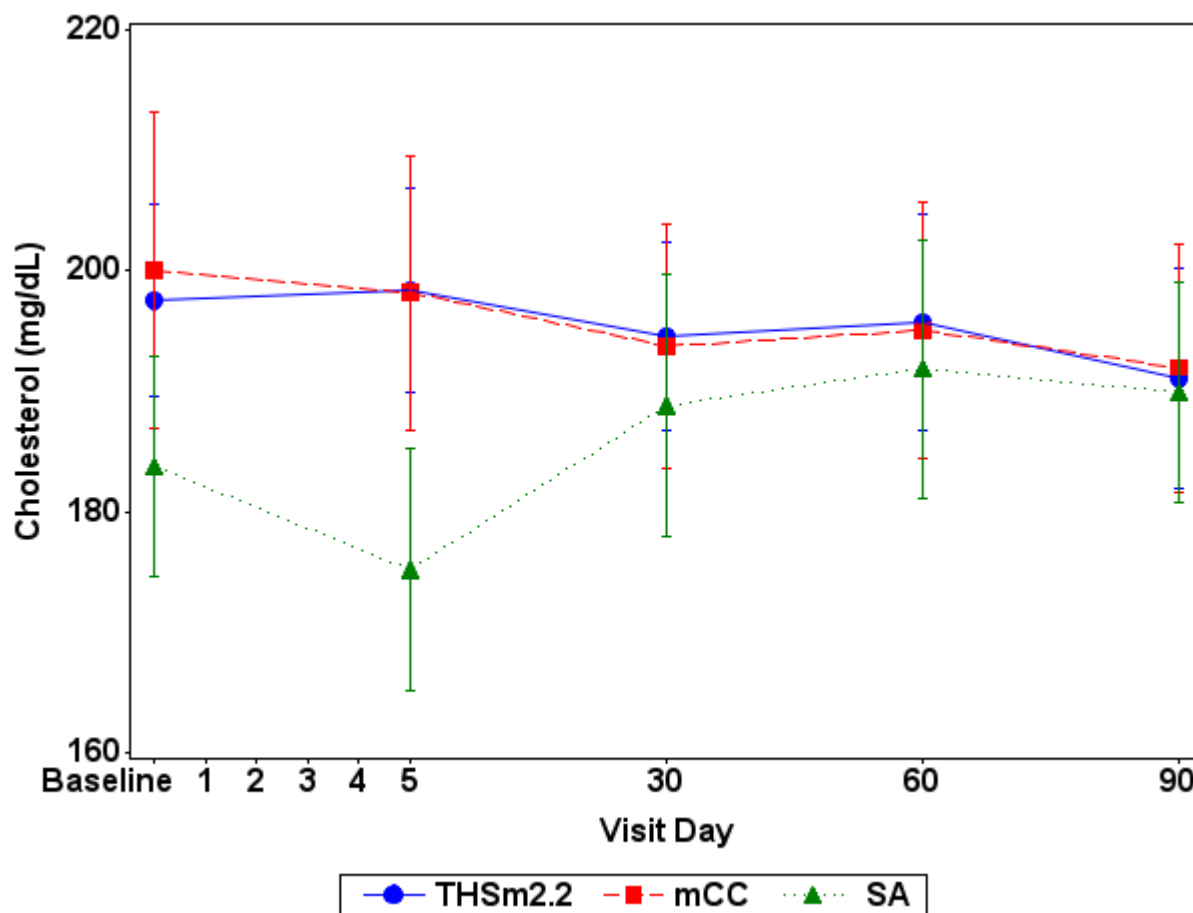
Arithmetic mean:

Triglycerides (mg/dL), Cholesterol (mg/dL), Hemoglobin A1C (%), HDL Cholesterol (mg/dL), LDL Cholesterol (mg/dL), Leukocytes (GI/L), Neutrophils (GI/L), Lymphocytes (GI/L), Monocytes (GI/L), Eosinophils (GI/L), Basophils (GI/L), Systolic Blood Pressure, Diastolic Blood Pressure, Weight, Waist Circumference

Appendix: 15.2.4.xx.1, with xx in 26 to 33

Study ID: ZRHM-REXA-07-JP

Program: f1501020301-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 4 of 23

**Figure 15.1.2.3.1 Risk Markers Mean and 95% CI - PP Set**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the PP Set for Period 1.

Geometric mean:

Prostaglandin F2 Alpha (pg/mg creat), 11-Dehydro-Thromboxane B2 (pg/mg creat), Intercellular Adhesion Molecule 1 (ng/mL), Glucose (mg/dL), C Reactive Protein (mg/L), Homocysteine (umol/L), Fibrinogen (mg/dL), Platelets (GI/L)

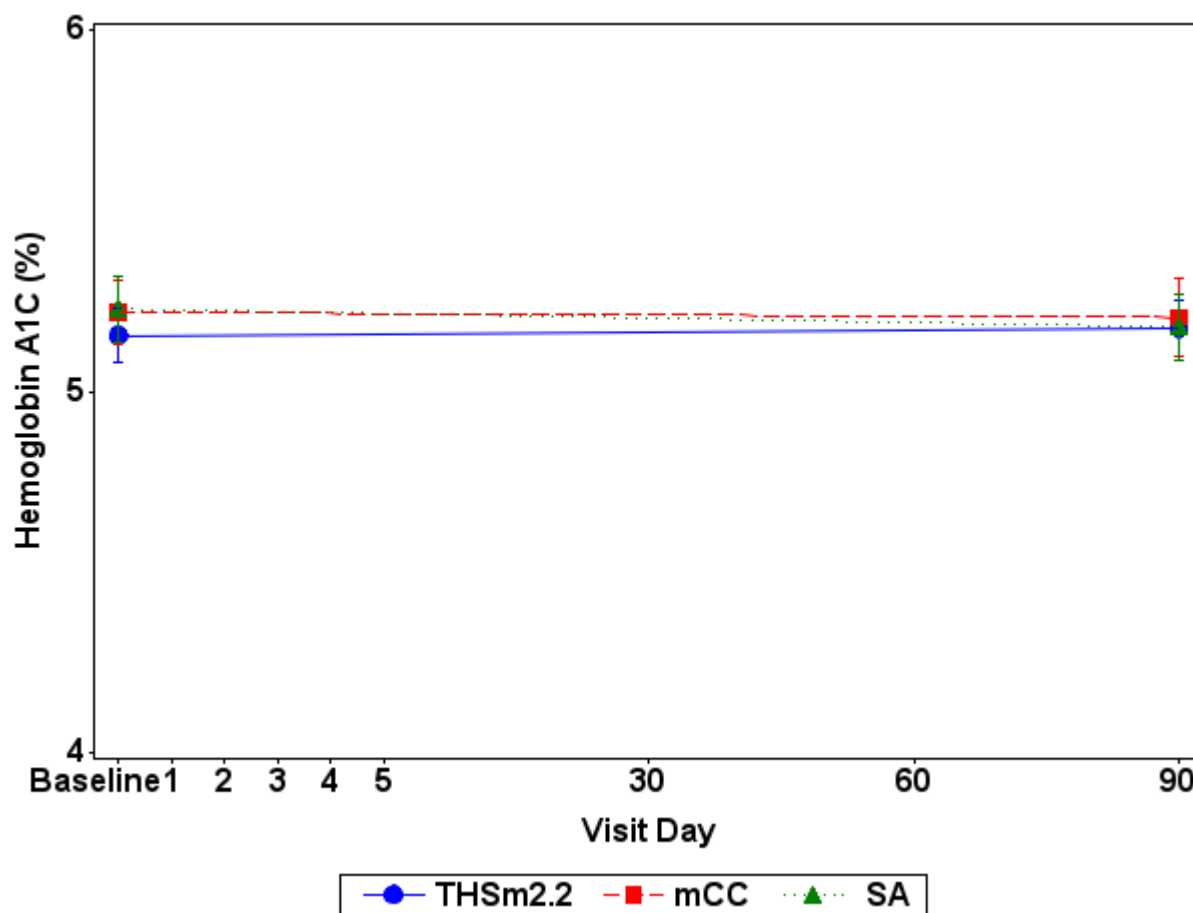
Arithmetic mean:

Triglycerides (mg/dL), Cholesterol (mg/dL), Hemoglobin A1C (%), HDL Cholesterol (mg/dL), LDL Cholesterol (mg/dL), Leukocytes (GI/L), Neutrophils (GI/L), Lymphocytes (GI/L), Monocytes (GI/L), Eosinophils (GI/L), Basophils (GI/L), Systolic Blood Pressure, Diastolic Blood Pressure, Weight, Waist Circumference

Appendix: 15.2.4.xx.1, with xx in 26 to 33

Study ID: ZRHM-REXA-07-JP

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**Figure 15.1.2.3.1 Risk Markers Mean and 95% CI - PP Set**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the PP Set for Period 1.

Geometric mean:

Prostaglandin F2 Alpha (pg/mg creat), 11-Dehydro-Thromboxane B2 (pg/mg creat), Interleukin Adhesion Molecule 1 (ng/mL), Glucose (mg/dL), C Reactive Protein (mg/L), Homocysteine (umol/L), Fibrinogen (mg/dL), Platelets (GI/L)

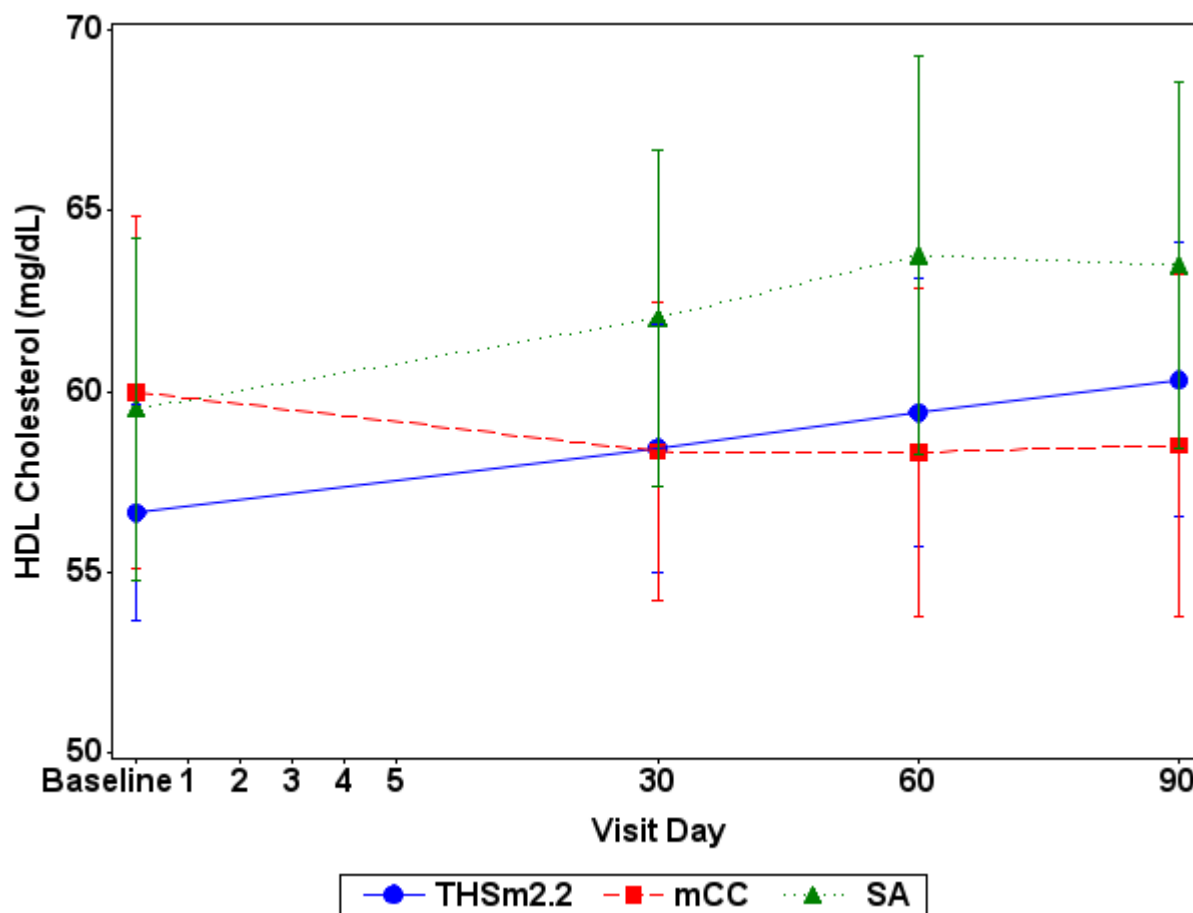
Arithmetic mean:

Triglycerides (mg/dL), Cholesterol (mg/dL), Hemoglobin A1C (%), HDL Cholesterol (mg/dL), LDL Cholesterol (mg/dL), Leukocytes (GI/L), Neutrophils (GI/L), Lymphocytes (GI/L), Monocytes (GI/L), Eosinophils (GI/L), Basophils (GI/L), Systolic Blood Pressure, Diastolic Blood Pressure, Weight, Waist Circumference

Appendix: 15.2.4.xx.1, with xx in 26 to 33

Study ID: ZRHM-REXA-07-JP

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**Figure 15.1.2.3.1 Risk Markers Mean and 95% CI - PP Set**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the PP Set for Period 1.

Geometric mean:

Prostaglandin F2 Alpha (pg/mg creat), 11-Dehydro-Thromboxane B2 (pg/mg creat), Interleukin Adhesion Molecule 1 (ng/mL), Glucose (mg/dL), C Reactive Protein (mg/L), Homocysteine (umol/L), Fibrinogen (mg/dL), Platelets (GI/L)

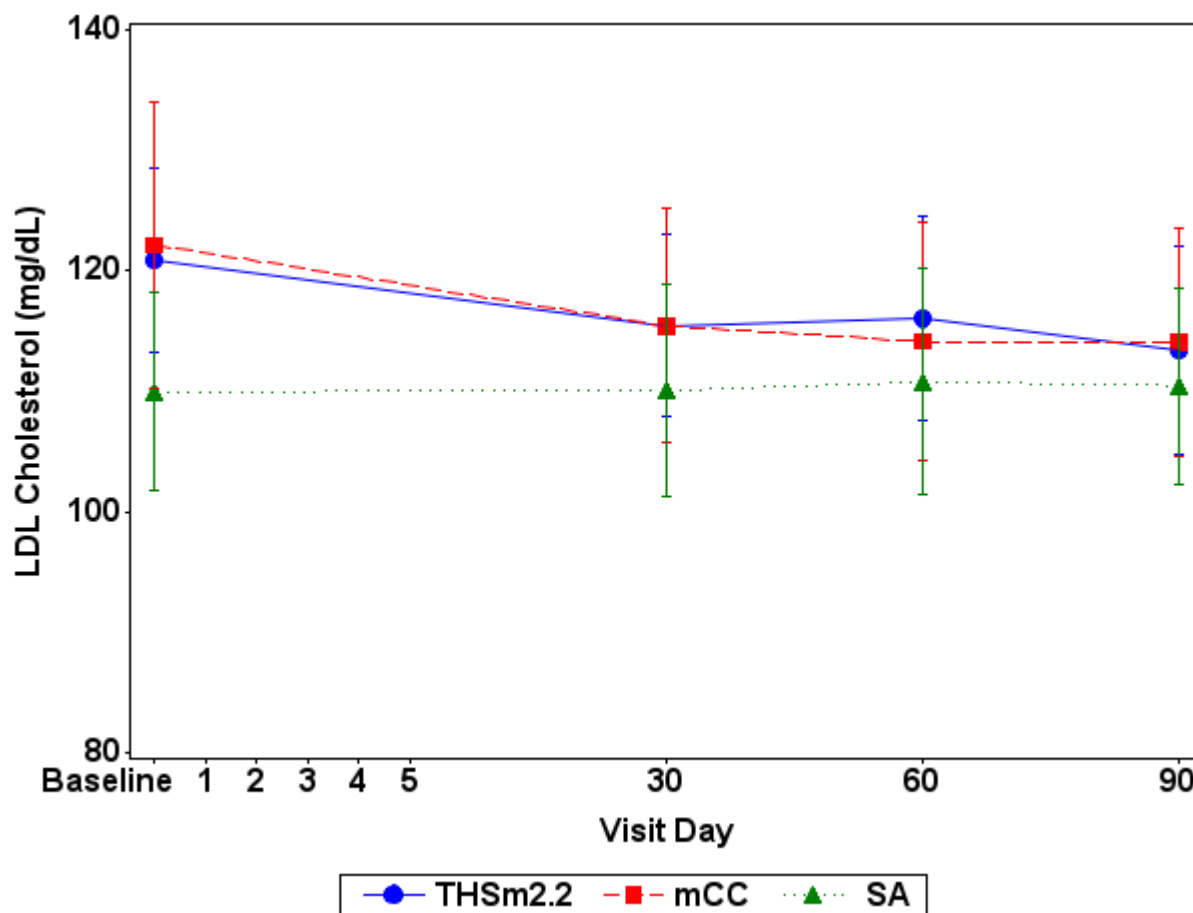
Arithmetic mean:

Triglycerides (mg/dL), Cholesterol (mg/dL), Hemoglobin A1C (%), HDL Cholesterol (mg/dL), LDL Cholesterol (mg/dL), Leukocytes (GI/L), Neutrophils (GI/L), Lymphocytes (GI/L), Monocytes (GI/L), Eosinophils (GI/L), Basophils (GI/L), Systolic Blood Pressure, Diastolic Blood Pressure, Weight, Waist Circumference

Appendix: 15.2.4.xx.1, with xx in 26 to 33

Study ID: ZRHM-REXA-07-JP

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**Figure 15.1.2.3.1 Risk Markers Mean and 95% CI - PP Set**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the PP Set for Period 1.

Geometric mean:

Prostaglandin F2 Alpha (pg/mg creat), 11-Dehydro-Thromboxane B2 (pg/mg creat), Intercellular Adhesion Molecule 1 (ng/mL), Glucose (mg/dL), C Reactive Protein (mg/L), Homocysteine (umol/L), Fibrinogen (mg/dL), Platelets (GI/L)

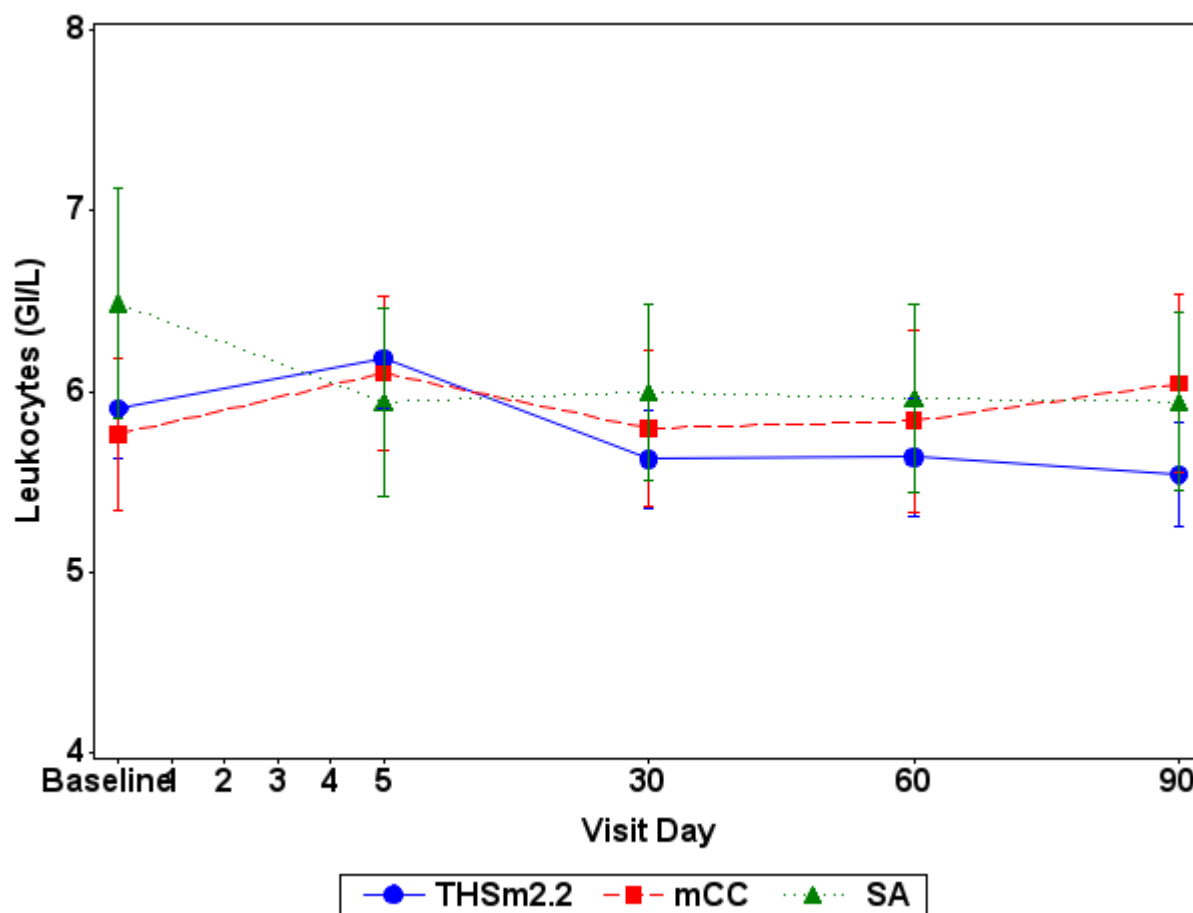
Arithmetic mean:

Triglycerides (mg/dL), Cholesterol (mg/dL), Hemoglobin A1C (%), HDL Cholesterol (mg/dL), LDL Cholesterol (mg/dL), Leukocytes (GI/L), Neutrophils (GI/L), Lymphocytes (GI/L), Monocytes (GI/L), Eosinophils (GI/L), Basophils (GI/L), Systolic Blood Pressure, Diastolic Blood Pressure, Weight, Waist Circumference

Appendix: 15.2.4.xx.1, with xx in 26 to 33

Study ID: ZRHM-REXA-07-JP

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**Figure 15.1.2.3.1 Risk Markers Mean and 95% CI - PP Set**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the PP Set for Period 1.

Geometric mean:

Prostaglandin F2 Alpha (pg/mg creat), 11-Dehydro-Thromboxane B2 (pg/mg creat), Interleukin Adhesion Molecule 1 (ng/mL), Glucose (mg/dL), C Reactive Protein (mg/L), Homocysteine (umol/L), Fibrinogen (mg/dL), Platelets (GI/L)

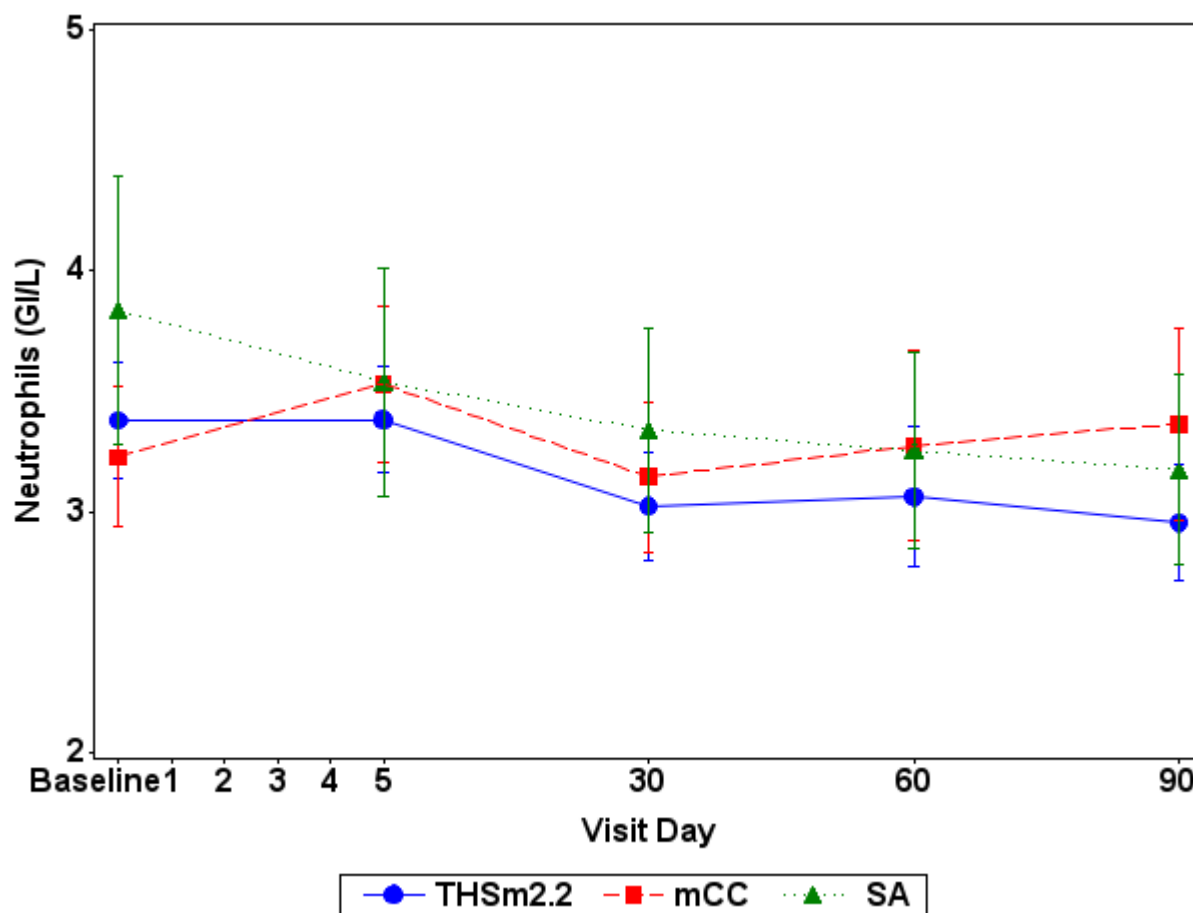
Arithmetic mean:

Triglycerides (mg/dL), Cholesterol (mg/dL), Hemoglobin A1C (%), HDL Cholesterol (mg/dL), LDL Cholesterol (mg/dL), Leukocytes (GI/L), Neutrophils (GI/L), Lymphocytes (GI/L), Monocytes (GI/L), Eosinophils (GI/L), Basophils (GI/L), Systolic Blood Pressure, Diastolic Blood Pressure, Weight, Waist Circumference

Appendix: 15.2.4.xx.1, with xx in 26 to 33

Study ID: ZRHM-REXA-07-JP

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**Figure 15.1.2.3.1 Risk Markers Mean and 95% CI - PP Set**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the PP Set for Period 1.

Geometric mean:

Prostaglandin F2 Alpha (pg/mg creat), 11-Dehydro-Thromboxane B2 (pg/mg creat), Interleukin Adhesion Molecule 1 (ng/mL), Glucose (mg/dL), C Reactive Protein (mg/L), Homocysteine (umol/L), Fibrinogen (mg/dL), Platelets (GI/L)

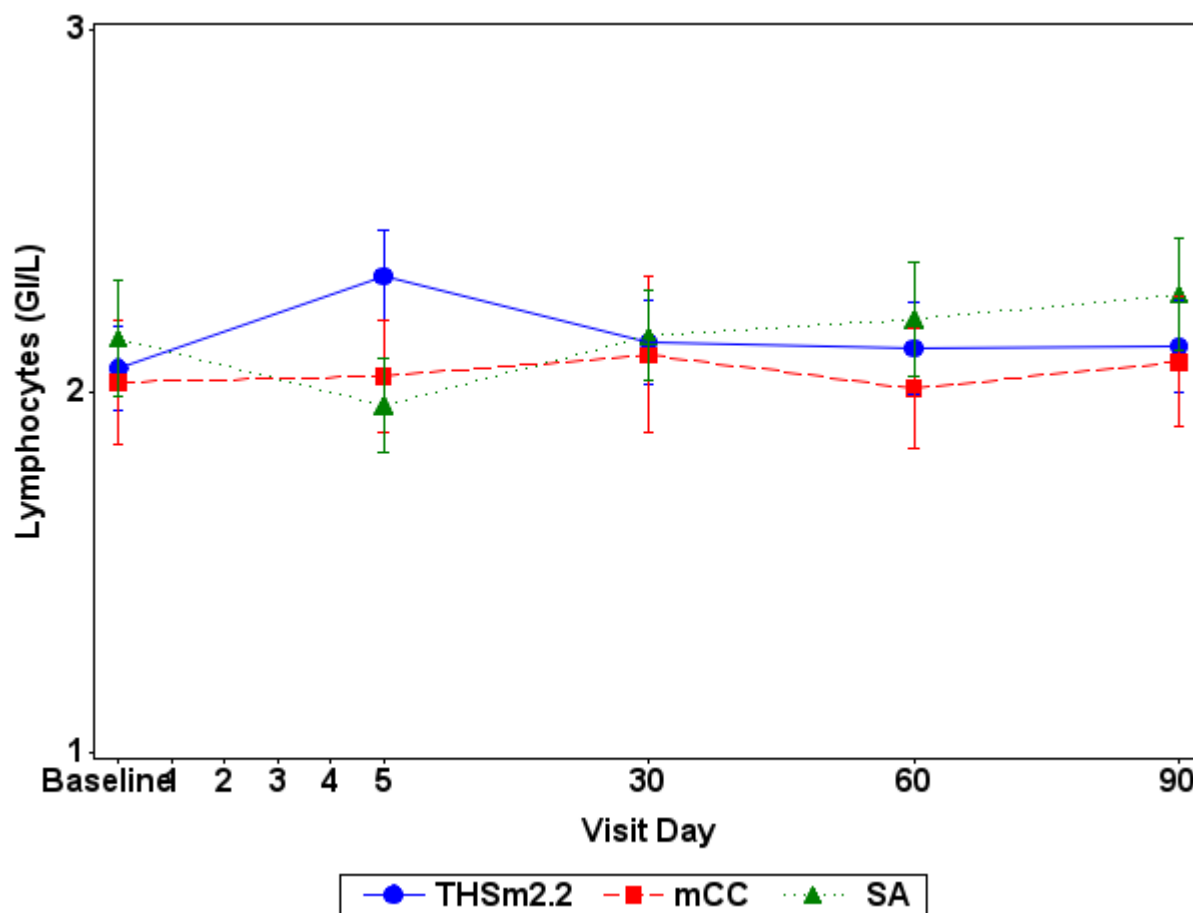
Arithmetic mean:

Triglycerides (mg/dL), Cholesterol (mg/dL), Hemoglobin A1C (%), HDL Cholesterol (mg/dL), LDL Cholesterol (mg/dL), Leukocytes (GI/L), Neutrophils (GI/L), Lymphocytes (GI/L), Monocytes (GI/L), Eosinophils (GI/L), Basophils (GI/L), Systolic Blood Pressure, Diastolic Blood Pressure, Weight, Waist Circumference

Appendix: 15.2.4.xx.1, with xx in 26 to 33

Study ID: ZRHM-REXA-07-JP

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**Figure 15.1.2.3.1 Risk Markers Mean and 95% CI - PP Set**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the PP Set for Period 1.

Geometric mean:

Prostaglandin F2 Alpha (pg/mg creat), 11-Dehydro-Thromboxane B2 (pg/mg creat), Interleukin Adhesion Molecule 1 (ng/mL), Glucose (mg/dL), C Reactive Protein (mg/L), Homocysteine (umol/L), Fibrinogen (mg/dL), Platelets (GI/L)

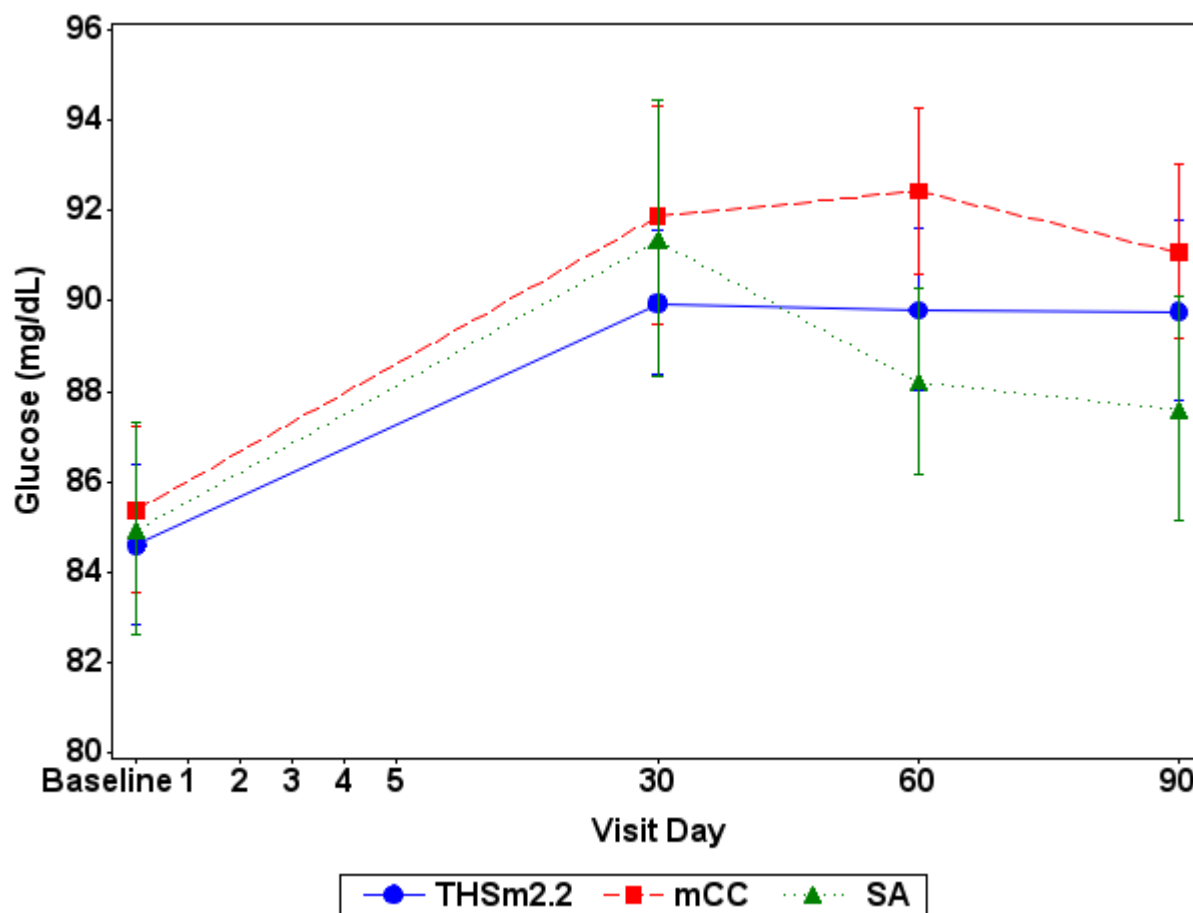
Arithmetic mean:

Triglycerides (mg/dL), Cholesterol (mg/dL), Hemoglobin A1C (%), HDL Cholesterol (mg/dL), LDL Cholesterol (mg/dL), Leukocytes (GI/L), Neutrophils (GI/L), Lymphocytes (GI/L), Monocytes (GI/L), Eosinophils (GI/L), Basophils (GI/L), Systolic Blood Pressure, Diastolic Blood Pressure, Weight, Waist Circumference

Appendix: 15.2.4.xx.1, with xx in 26 to 33

Study ID: ZRHM-REXA-07-JP

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**Figure 15.1.2.3.1 Risk Markers Mean and 95% CI - PP Set**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the PP Set for Period 1.

Geometric mean:

Prostaglandin F2 Alpha (pg/mg creat), 11-Dehydro-Thromboxane B2 (pg/mg creat), Interleukin Adhesion Molecule 1 (ng/mL), Glucose (mg/dL), C Reactive Protein (mg/L), Homocysteine (umol/L), Fibrinogen (mg/dL), Platelets (GI/L)

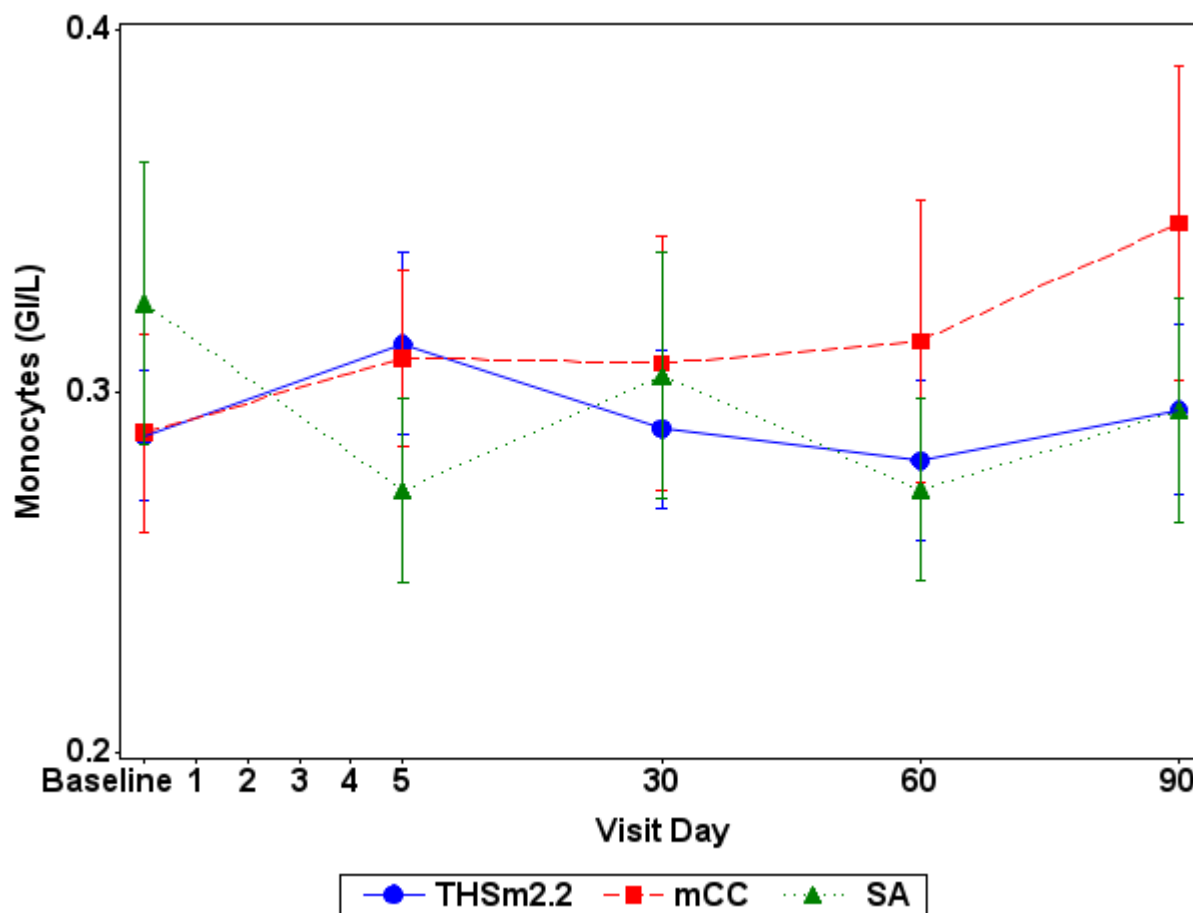
Arithmetic mean:

Triglycerides (mg/dL), Cholesterol (mg/dL), Hemoglobin A1C (%), HDL Cholesterol (mg/dL), LDL Cholesterol (mg/dL), Leukocytes (GI/L), Neutrophils (GI/L), Lymphocytes (GI/L), Monocytes (GI/L), Eosinophils (GI/L), Basophils (GI/L), Systolic Blood Pressure, Diastolic Blood Pressure, Weight, Waist Circumference

Appendix: 15.2.4.xx.1, with xx in 26 to 33

Study ID: ZRHM-REXA-07-JP

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**Figure 15.1.2.3.1 Risk Markers Mean and 95% CI - PP Set**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the PP Set for Period 1.

Geometric mean:

Prostaglandin F2 Alpha (pg/mg creat), 11-Dehydro-Thromboxane B2 (pg/mg creat), Interleukin Adhesion Molecule 1 (ng/mL), Glucose (mg/dL), C Reactive Protein (mg/L), Homocysteine (umol/L), Fibrinogen (mg/dL), Platelets (GI/L)

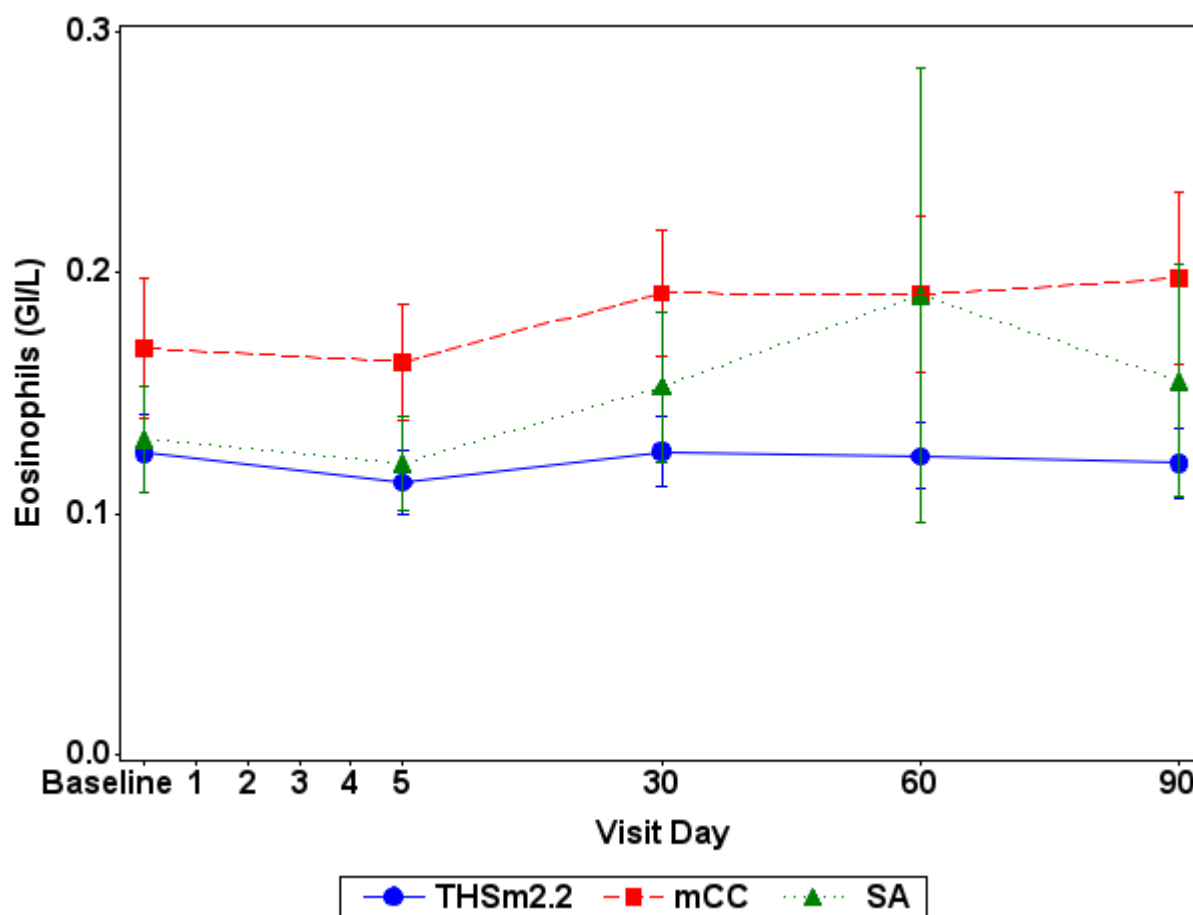
Arithmetic mean:

Triglycerides (mg/dL), Cholesterol (mg/dL), Hemoglobin A1C (%), HDL Cholesterol (mg/dL), LDL Cholesterol (mg/dL), Leukocytes (GI/L), Neutrophils (GI/L), Lymphocytes (GI/L), Monocytes (GI/L), Eosinophils (GI/L), Basophils (GI/L), Systolic Blood Pressure, Diastolic Blood Pressure, Weight, Waist Circumference

Appendix: 15.2.4.xx.1, with xx in 26 to 33

Study ID: ZRHM-REXA-07-JP

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**Figure 15.1.2.3.1 Risk Markers Mean and 95% CI - PP Set**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the PP Set for Period 1.

Geometric mean:

Prostaglandin F2 Alpha (pg/mg creat), 11-Dehydro-Thromboxane B2 (pg/mg creat), Interleukin Adhesion Molecule 1 (ng/mL), Glucose (mg/dL), C Reactive Protein (mg/L), Homocysteine (umol/L), Fibrinogen (mg/dL), Platelets (GI/L)

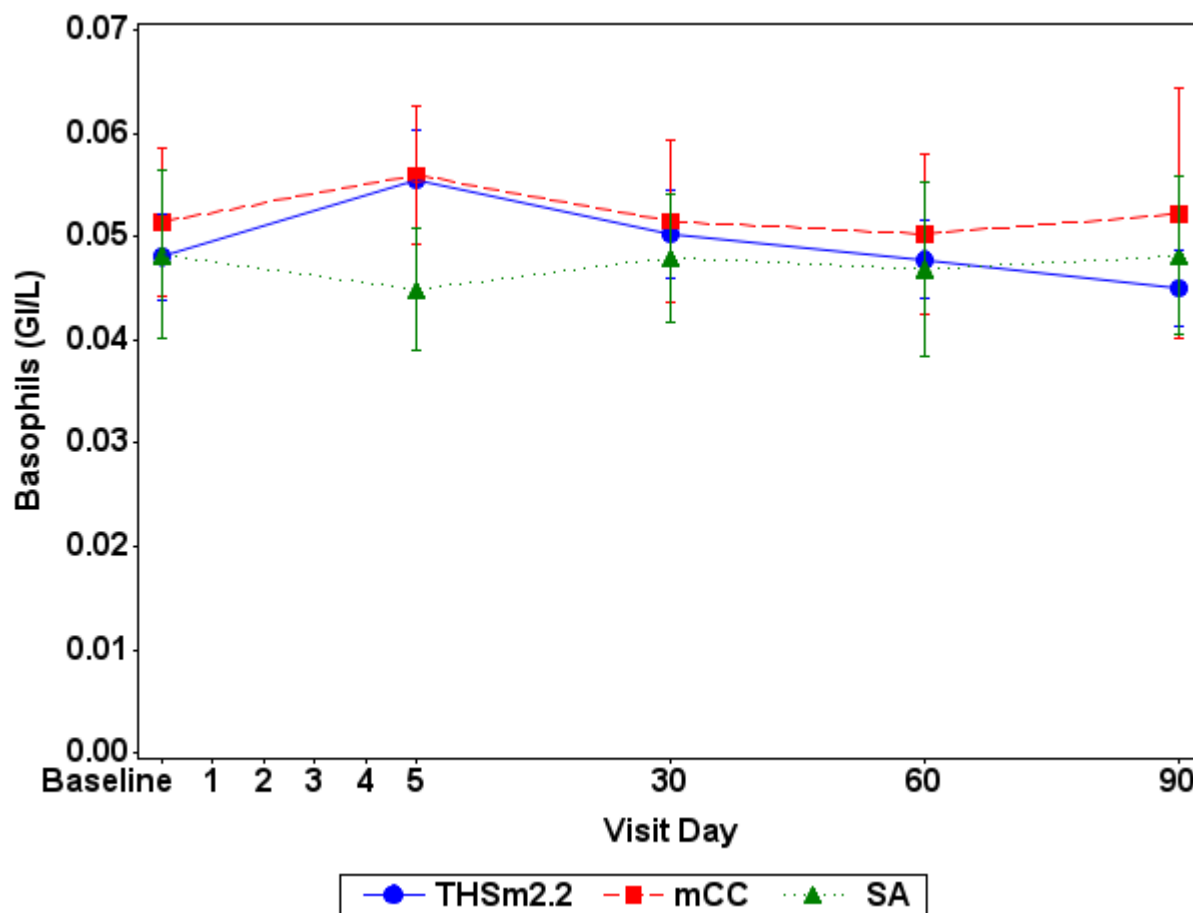
Arithmetic mean:

Triglycerides (mg/dL), Cholesterol (mg/dL), Hemoglobin A1C (%), HDL Cholesterol (mg/dL), LDL Cholesterol (mg/dL), Leukocytes (GI/L), Neutrophils (GI/L), Lymphocytes (GI/L), Monocytes (GI/L), Eosinophils (GI/L), Basophils (GI/L), Systolic Blood Pressure, Diastolic Blood Pressure, Weight, Waist Circumference

Appendix: 15.2.4.xx.1, with xx in 26 to 33

Study ID: ZRHM-REXA-07-JP

Program: f1501020301-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 14 of 23

**Figure 15.1.2.3.1 Risk Markers Mean and 95% CI - PP Set**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the PP Set for Period 1.

Geometric mean:

Prostaglandin F2 Alpha (pg/mg creat), 11-Dehydro-Thromboxane B2 (pg/mg creat), Interleukin Adhesion Molecule 1 (ng/mL), Glucose (mg/dL), C Reactive Protein (mg/L), Homocysteine (umol/L), Fibrinogen (mg/dL), Platelets (GI/L)

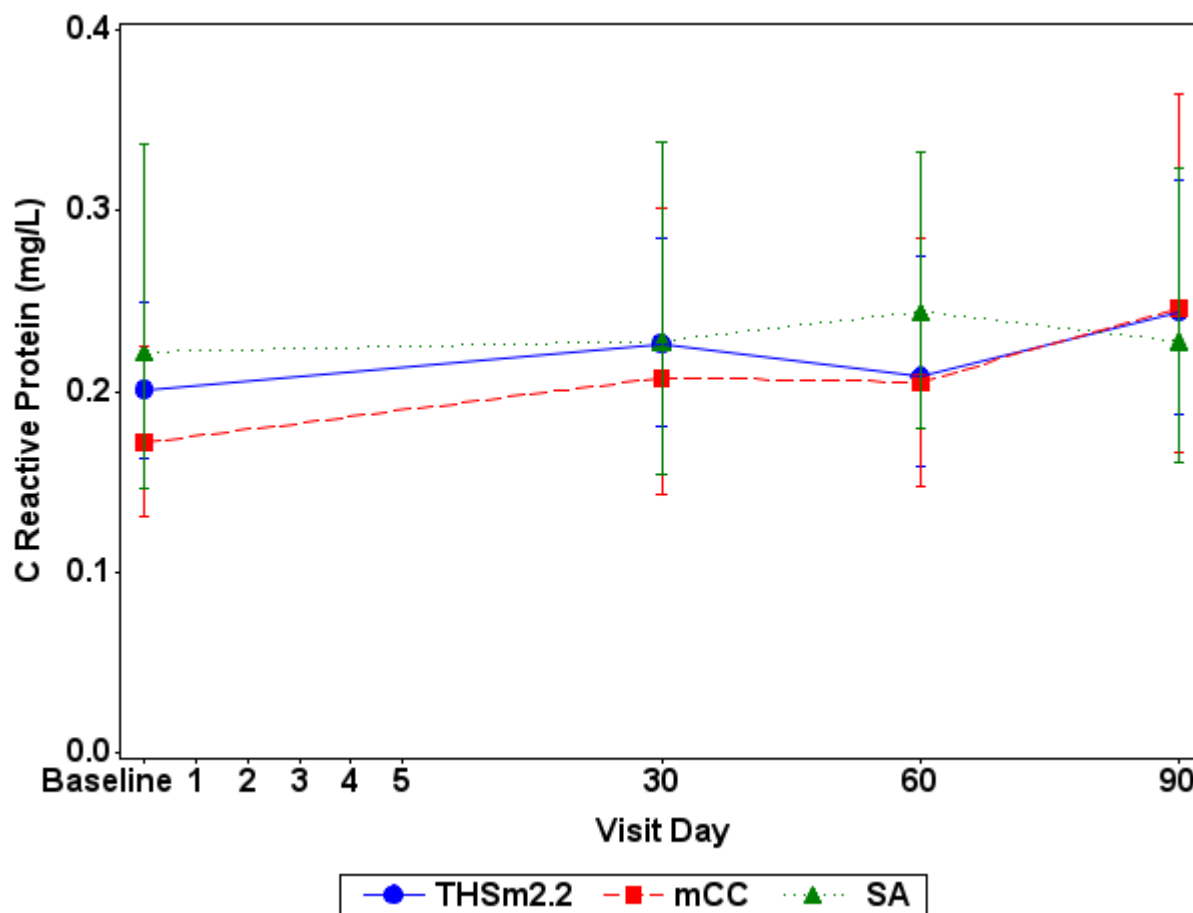
Arithmetic mean:

Triglycerides (mg/dL), Cholesterol (mg/dL), Hemoglobin A1C (%), HDL Cholesterol (mg/dL), LDL Cholesterol (mg/dL), Leukocytes (GI/L), Neutrophils (GI/L), Lymphocytes (GI/L), Monocytes (GI/L), Eosinophils (GI/L), Basophils (GI/L), Systolic Blood Pressure, Diastolic Blood Pressure, Weight, Waist Circumference

Appendix: 15.2.4.xx.1, with xx in 26 to 33

Study ID: ZRHM-REXA-07-JP

Program: f1501020301-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 15 of 23

**Figure 15.1.2.3.1 Risk Markers Mean and 95% CI - PP Set**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the PP Set for Period 1.

Geometric mean:

Prostaglandin F2 Alpha (pg/mg creat), 11-Dehydro-Thromboxane B2 (pg/mg creat), Interleukin Adhesion Molecule 1 (ng/mL), Glucose (mg/dL), C Reactive Protein (mg/L), Homocysteine (umol/L), Fibrinogen (mg/dL), Platelets (GI/L)

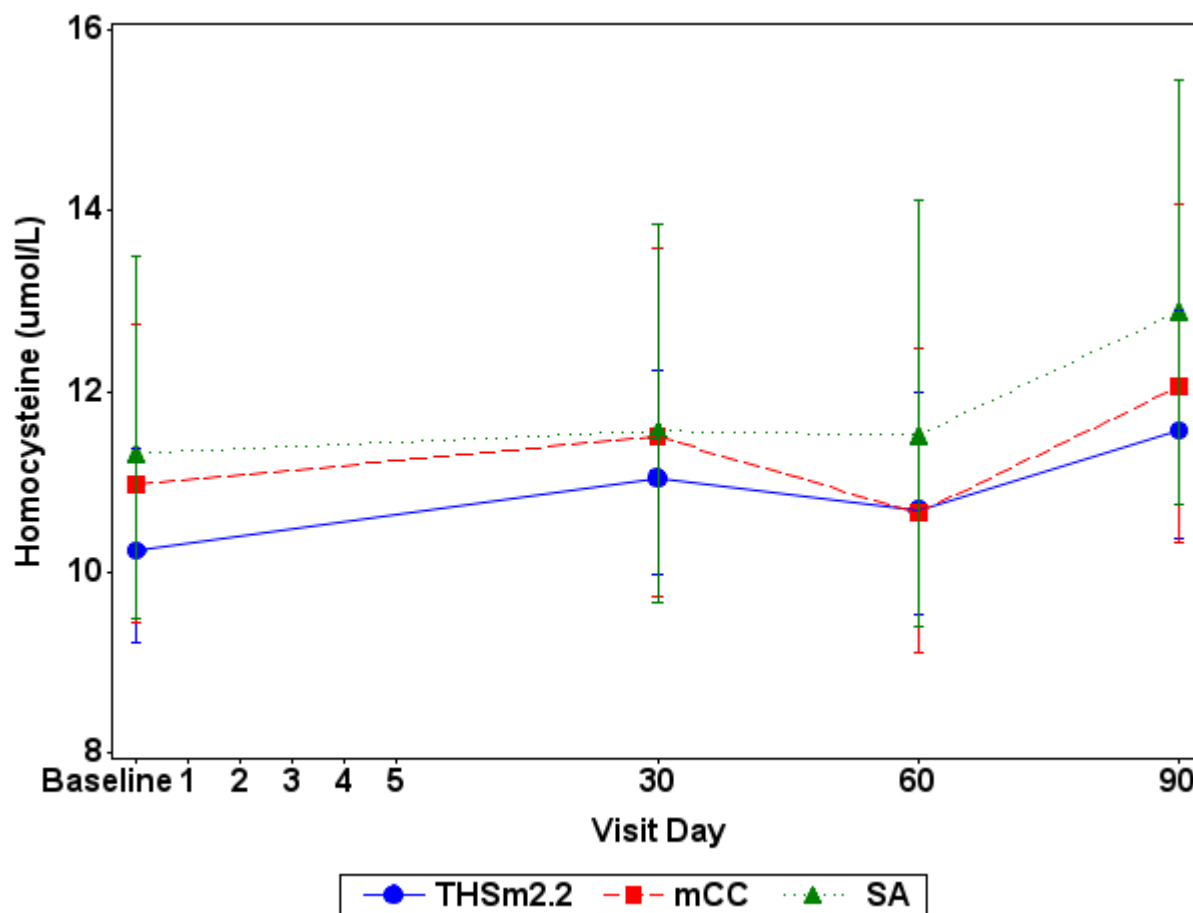
Arithmetic mean:

Triglycerides (mg/dL), Cholesterol (mg/dL), Hemoglobin A1C (%), HDL Cholesterol (mg/dL), LDL Cholesterol (mg/dL), Leukocytes (GI/L), Neutrophils (GI/L), Lymphocytes (GI/L), Monocytes (GI/L), Eosinophils (GI/L), Basophils (GI/L), Systolic Blood Pressure, Diastolic Blood Pressure, Weight, Waist Circumference

Appendix: 15.2.4.xx.1, with xx in 26 to 33

Study ID: ZRHM-REXA-07-JP

Program: f1501020301-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 16 of 23

**Figure 15.1.2.3.1 Risk Markers Mean and 95% CI - PP Set**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the PP Set for Period 1.

Geometric mean:

Prostaglandin F2 Alpha (pg/mg creat), 11-Dehydro-Thromboxane B2 (pg/mg creat), Interleukin Adhesion Molecule 1 (ng/mL), Glucose (mg/dL), C Reactive Protein (mg/L), Homocysteine (umol/L), Fibrinogen (mg/dL), Platelets (GI/L)

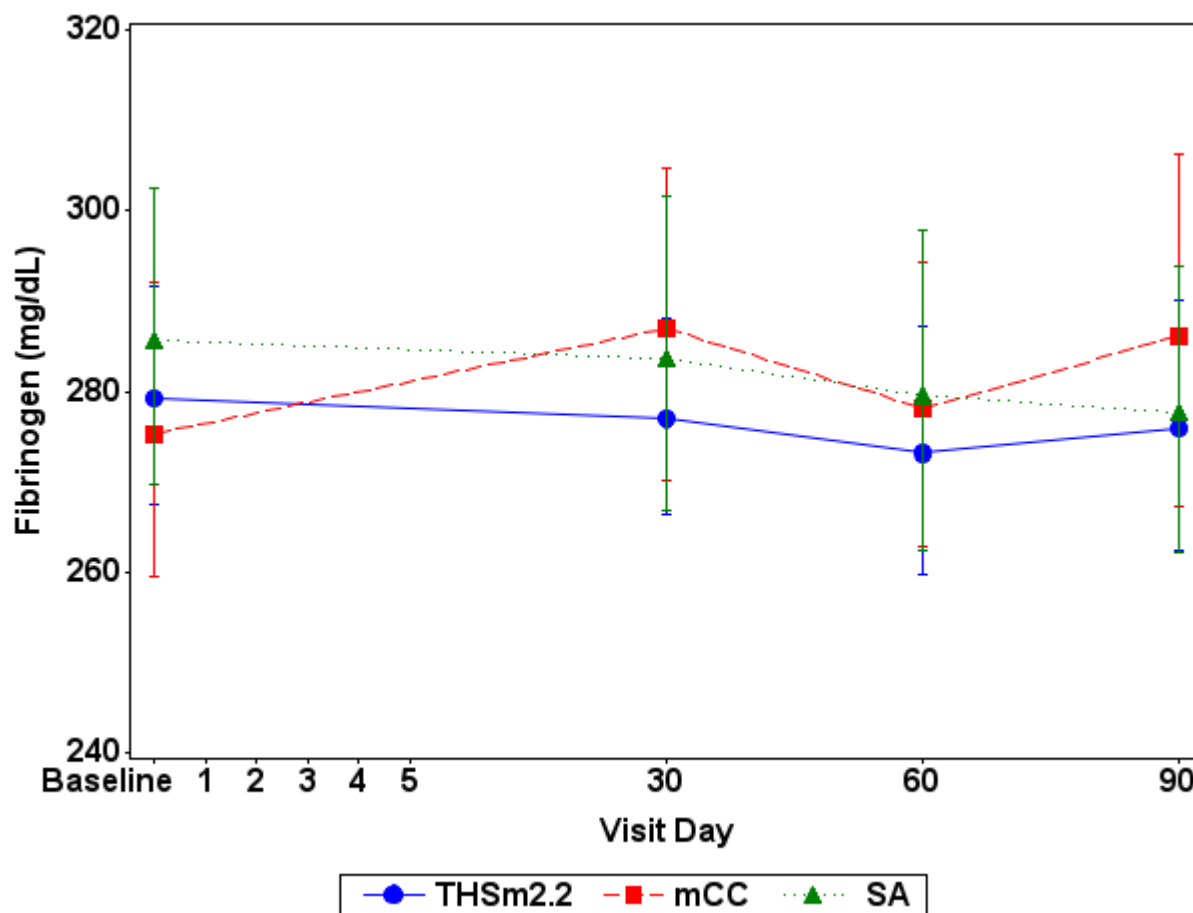
Arithmetic mean:

Triglycerides (mg/dL), Cholesterol (mg/dL), Hemoglobin A1C (%), HDL Cholesterol (mg/dL), LDL Cholesterol (mg/dL), Leukocytes (GI/L), Neutrophils (GI/L), Lymphocytes (GI/L), Monocytes (GI/L), Eosinophils (GI/L), Basophils (GI/L), Systolic Blood Pressure, Diastolic Blood Pressure, Weight, Waist Circumference

Appendix: 15.2.4.xx.1, with xx in 26 to 33

Study ID: ZRHM-REXA-07-JP

Program: f1501020301-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 17 of 23

**Figure 15.1.2.3.1 Risk Markers Mean and 95% CI - PP Set**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the PP Set for Period 1.

Geometric mean:

Prostaglandin F2 Alpha (pg/mg creat), 11-Dehydro-Thromboxane B2 (pg/mg creat), Interleukin Adhesion Molecule 1 (ng/mL), Glucose (mg/dL), C Reactive Protein (mg/L), Homocysteine (umol/L), Fibrinogen (mg/dL), Platelets (GI/L)

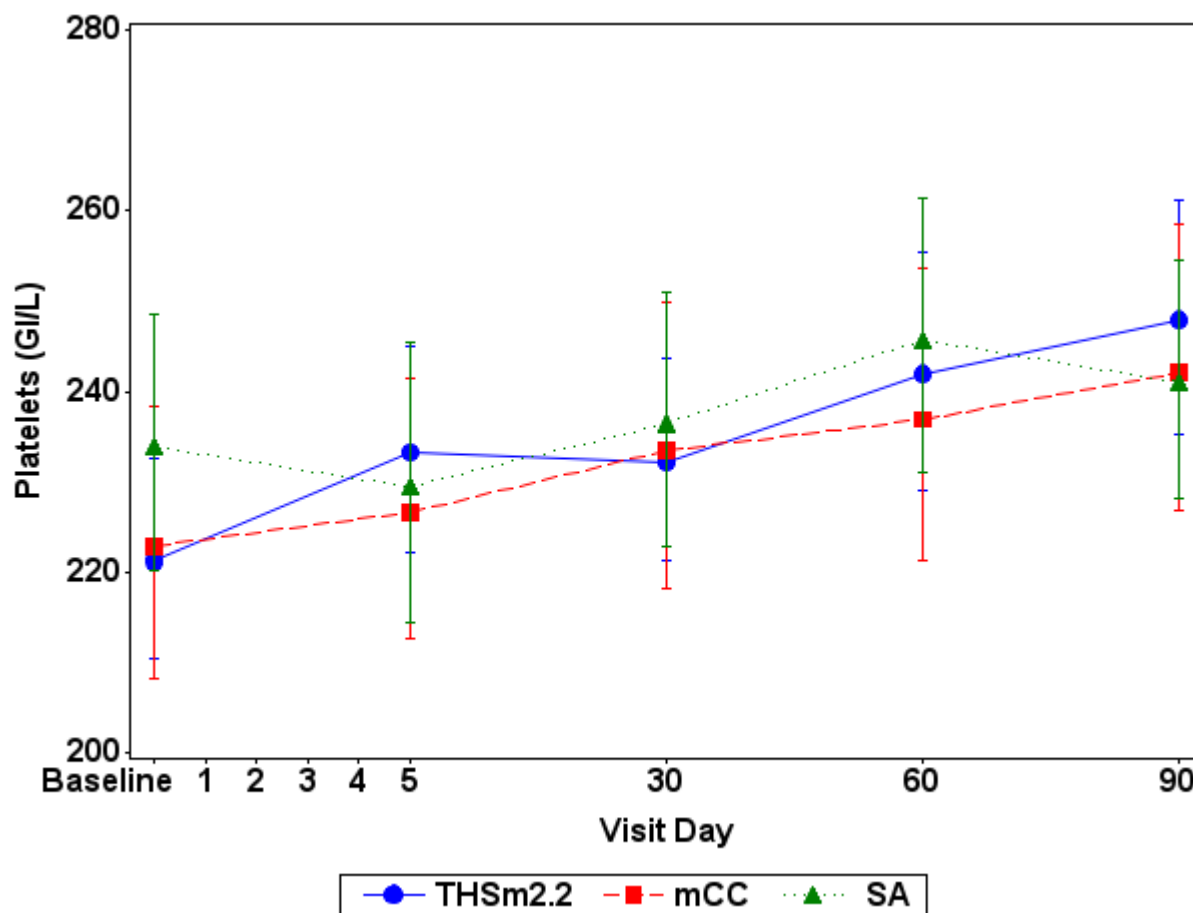
Arithmetic mean:

Triglycerides (mg/dL), Cholesterol (mg/dL), Hemoglobin A1C (%), HDL Cholesterol (mg/dL), LDL Cholesterol (mg/dL), Leukocytes (GI/L), Neutrophils (GI/L), Lymphocytes (GI/L), Monocytes (GI/L), Eosinophils (GI/L), Basophils (GI/L), Systolic Blood Pressure, Diastolic Blood Pressure, Weight, Waist Circumference

Appendix: 15.2.4.xx.1, with xx in 26 to 33

Study ID: ZRHM-REXA-07-JP

Program: f1501020301-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 18 of 23

**Figure 15.1.2.3.1 Risk Markers Mean and 95% CI - PP Set**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the PP Set for Period 1.

Geometric mean:

Prostaglandin F2 Alpha (pg/mg creat), 11-Dehydro-Thromboxane B2 (pg/mg creat), Interleukin Adhesion Molecule 1 (ng/mL), Glucose (mg/dL), C Reactive Protein (mg/L), Homocysteine (umol/L), Fibrinogen (mg/dL), Platelets (GI/L)

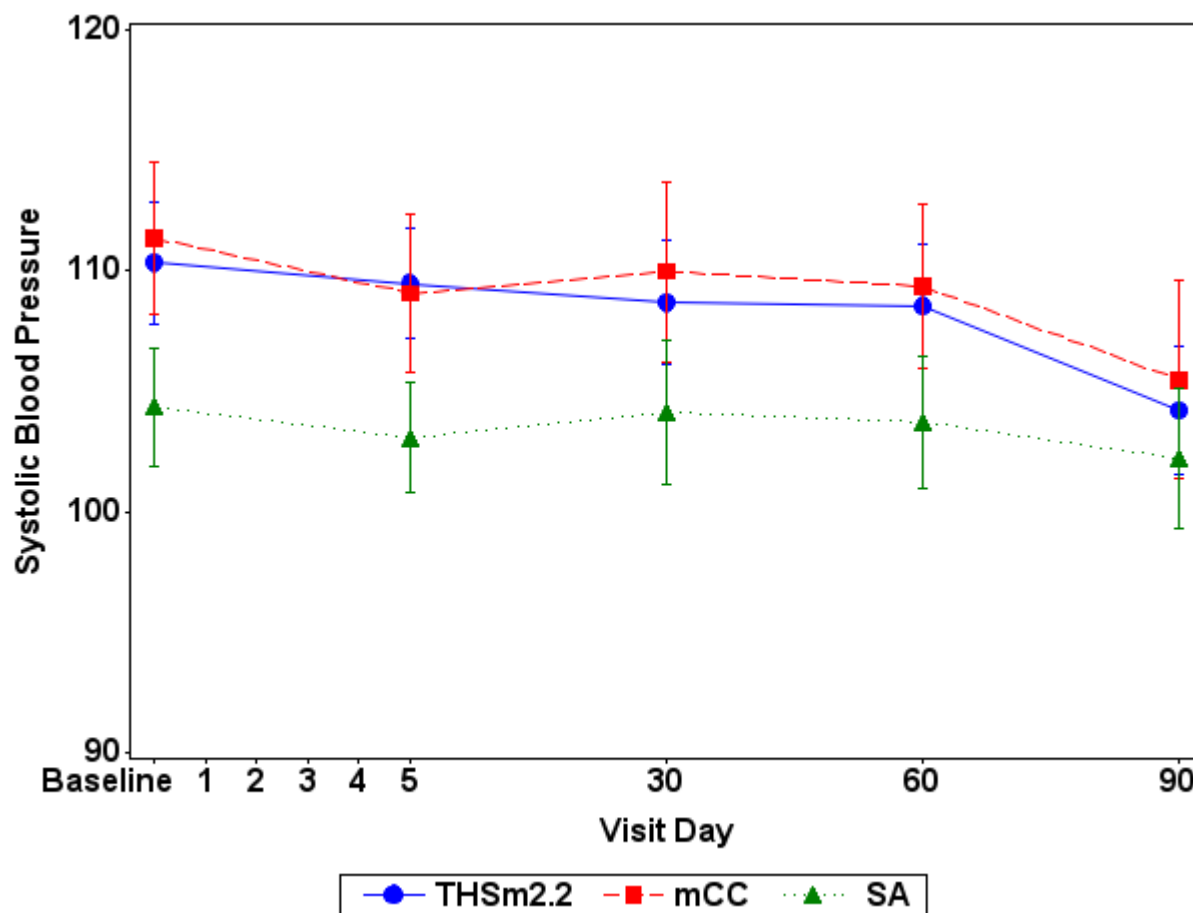
Arithmetic mean:

Triglycerides (mg/dL), Cholesterol (mg/dL), Hemoglobin A1C (%), HDL Cholesterol (mg/dL), LDL Cholesterol (mg/dL), Leukocytes (GI/L), Neutrophils (GI/L), Lymphocytes (GI/L), Monocytes (GI/L), Eosinophils (GI/L), Basophils (GI/L), Systolic Blood Pressure, Diastolic Blood Pressure, Weight, Waist Circumference

Appendix: 15.2.4.xx.1, with xx in 26 to 33

Study ID: ZRHM-REXA-07-JP

Program: f1501020301-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 19 of 23

**Figure 15.1.2.3.1 Risk Markers Mean and 95% CI - PP Set**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the PP Set for Period 1.

Geometric mean:

Prostaglandin F2 Alpha (pg/mg creat), 11-Dehydro-Thromboxane B2 (pg/mg creat), Interleukin Adhesion Molecule 1 (ng/mL), Glucose (mg/dL), C Reactive Protein (mg/L), Homocysteine (umol/L), Fibrinogen (mg/dL), Platelets (GI/L)

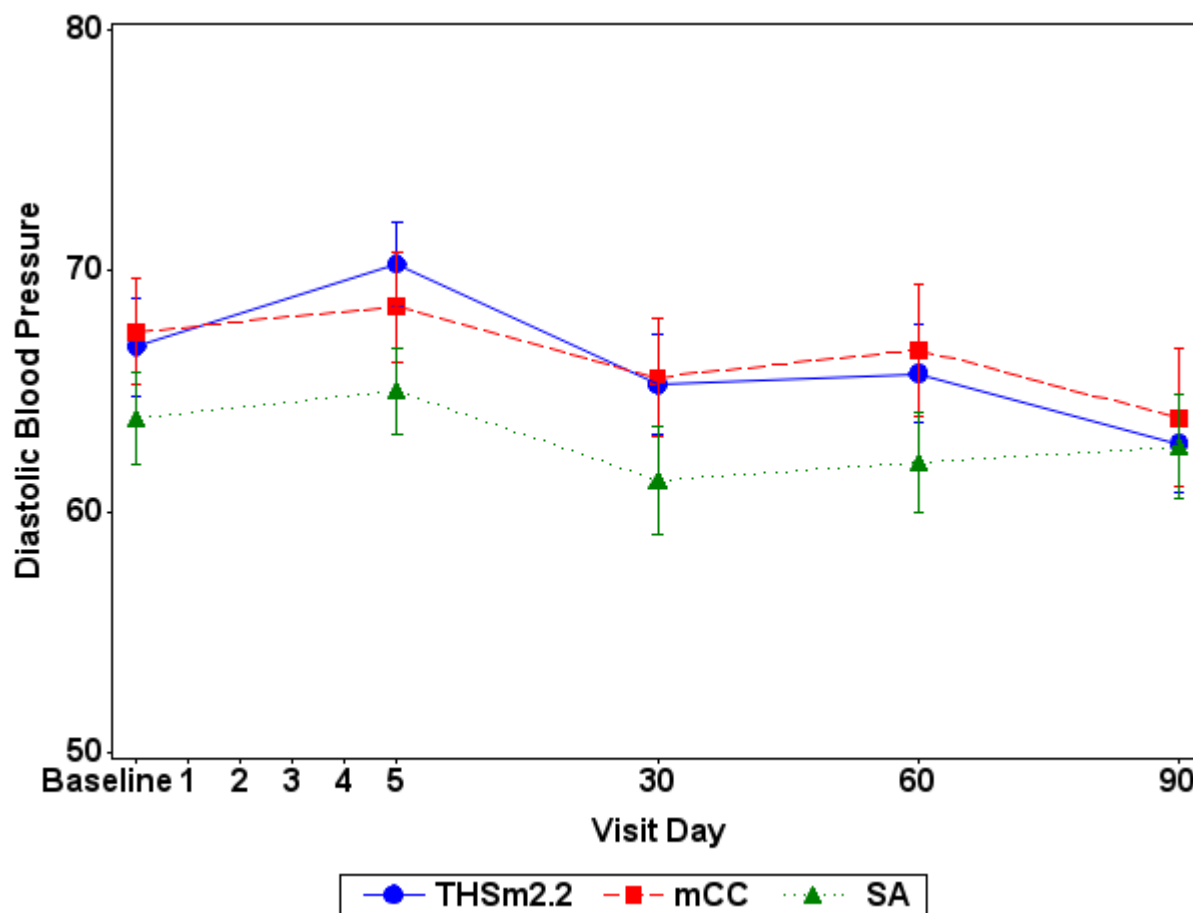
Arithmetic mean:

Triglycerides (mg/dL), Cholesterol (mg/dL), Hemoglobin A1C (%), HDL Cholesterol (mg/dL), LDL Cholesterol (mg/dL), Leukocytes (GI/L), Neutrophils (GI/L), Lymphocytes (GI/L), Monocytes (GI/L), Eosinophils (GI/L), Basophils (GI/L), Systolic Blood Pressure, Diastolic Blood Pressure, Weight, Waist Circumference

Appendix: 15.2.4.xx.1, with xx in 26 to 33

Study ID: ZRHM-REXA-07-JP

Program: f1501020301-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 20 of 23

**Figure 15.1.2.3.1 Risk Markers Mean and 95% CI - PP Set**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the PP Set for Period 1.

Geometric mean:

Prostaglandin F2 Alpha (pg/mg creat), 11-Dehydro-Thromboxane B2 (pg/mg creat), Interleukin Adhesion Molecule 1 (ng/mL), Glucose (mg/dL), C Reactive Protein (mg/L), Homocysteine (umol/L), Fibrinogen (mg/dL), Platelets (GI/L)

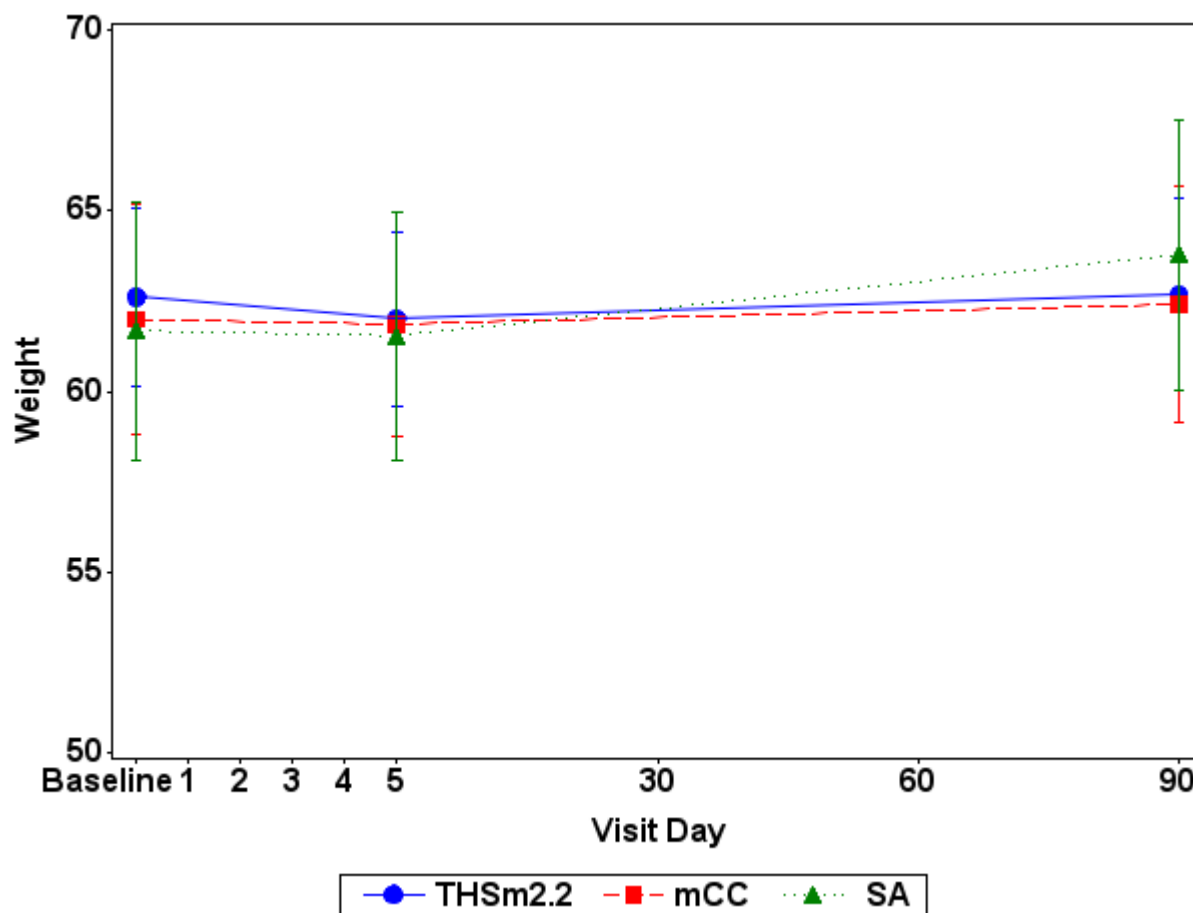
Arithmetic mean:

Triglycerides (mg/dL), Cholesterol (mg/dL), Hemoglobin A1C (%), HDL Cholesterol (mg/dL), LDL Cholesterol (mg/dL), Leukocytes (GI/L), Neutrophils (GI/L), Lymphocytes (GI/L), Monocytes (GI/L), Eosinophils (GI/L), Basophils (GI/L), Systolic Blood Pressure, Diastolic Blood Pressure, Weight, Waist Circumference

Appendix: 15.2.4.xx.1, with xx in 26 to 33

Study ID: ZRHM-REXA-07-JP

Program: f1501020301-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 21 of 23

**Figure 15.1.2.3.1 Risk Markers Mean and 95% CI - PP Set**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the PP Set for Period 1.

Geometric mean:

Prostaglandin F2 Alpha (pg/mg creat), 11-Dehydro-Thromboxane B2 (pg/mg creat), Interleukin Adhesion Molecule 1 (ng/mL), Glucose (mg/dL), C Reactive Protein (mg/L), Homocysteine (umol/L), Fibrinogen (mg/dL), Platelets (GI/L)

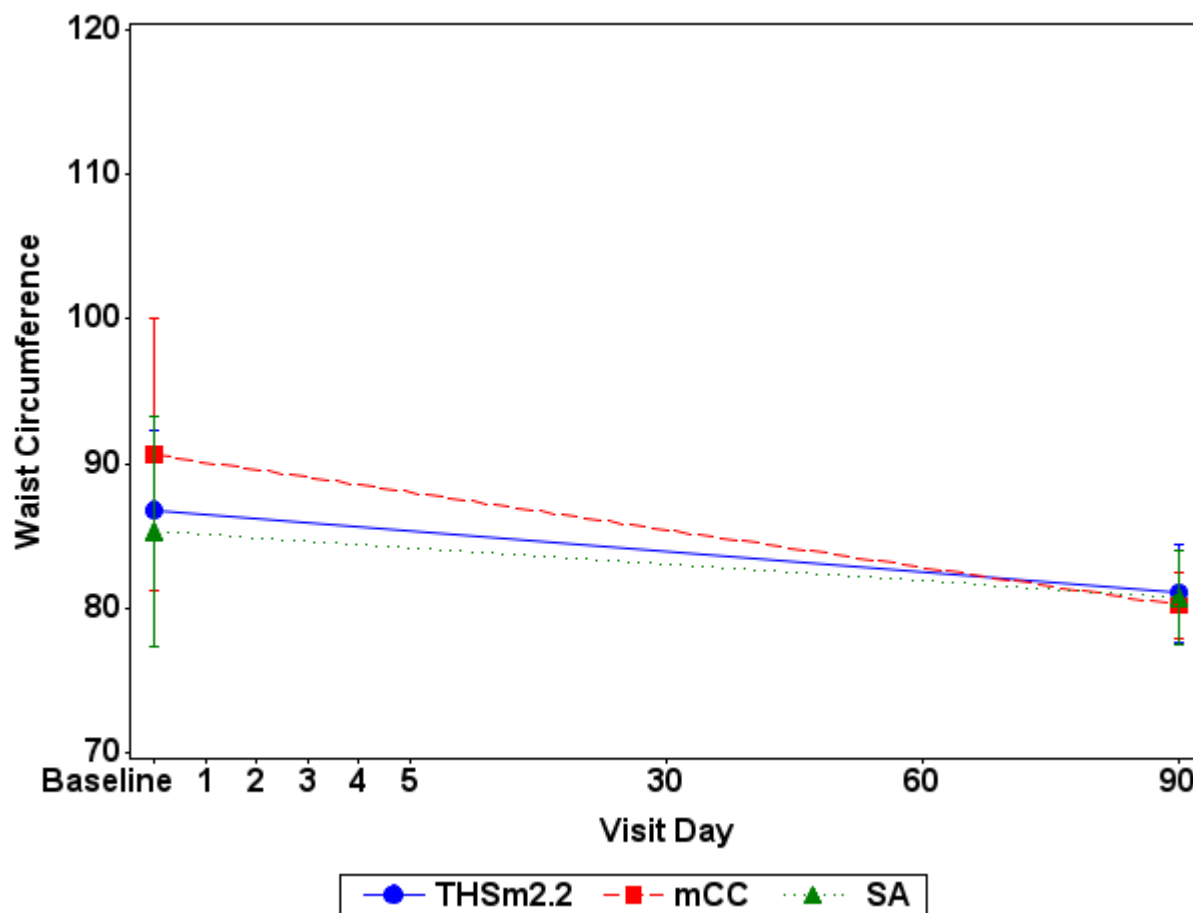
Arithmetic mean:

Triglycerides (mg/dL), Cholesterol (mg/dL), Hemoglobin A1C (%), HDL Cholesterol (mg/dL), LDL Cholesterol (mg/dL), Leukocytes (GI/L), Neutrophils (GI/L), Lymphocytes (GI/L), Monocytes (GI/L), Eosinophils (GI/L), Basophils (GI/L), Systolic Blood Pressure, Diastolic Blood Pressure, Weight, Waist Circumference

Appendix: 15.2.4.xx.1, with xx in 26 to 33

Study ID: ZRHM-REXA-07-JP

Program: f1501020301-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 22 of 23

**Figure 15.1.2.3.1 Risk Markers Mean and 95% CI - PP Set**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the PP Set for Period 1.

Geometric mean:

Prostaglandin F2 Alpha (pg/mg creat), 11-Dehydro-Thromboxane B2 (pg/mg creat), Interleukin Adhesion Molecule 1 (ng/mL), Glucose (mg/dL), C Reactive Protein (mg/L), Homocysteine (umol/L), Fibrinogen (mg/dL), Platelets (GI/L)

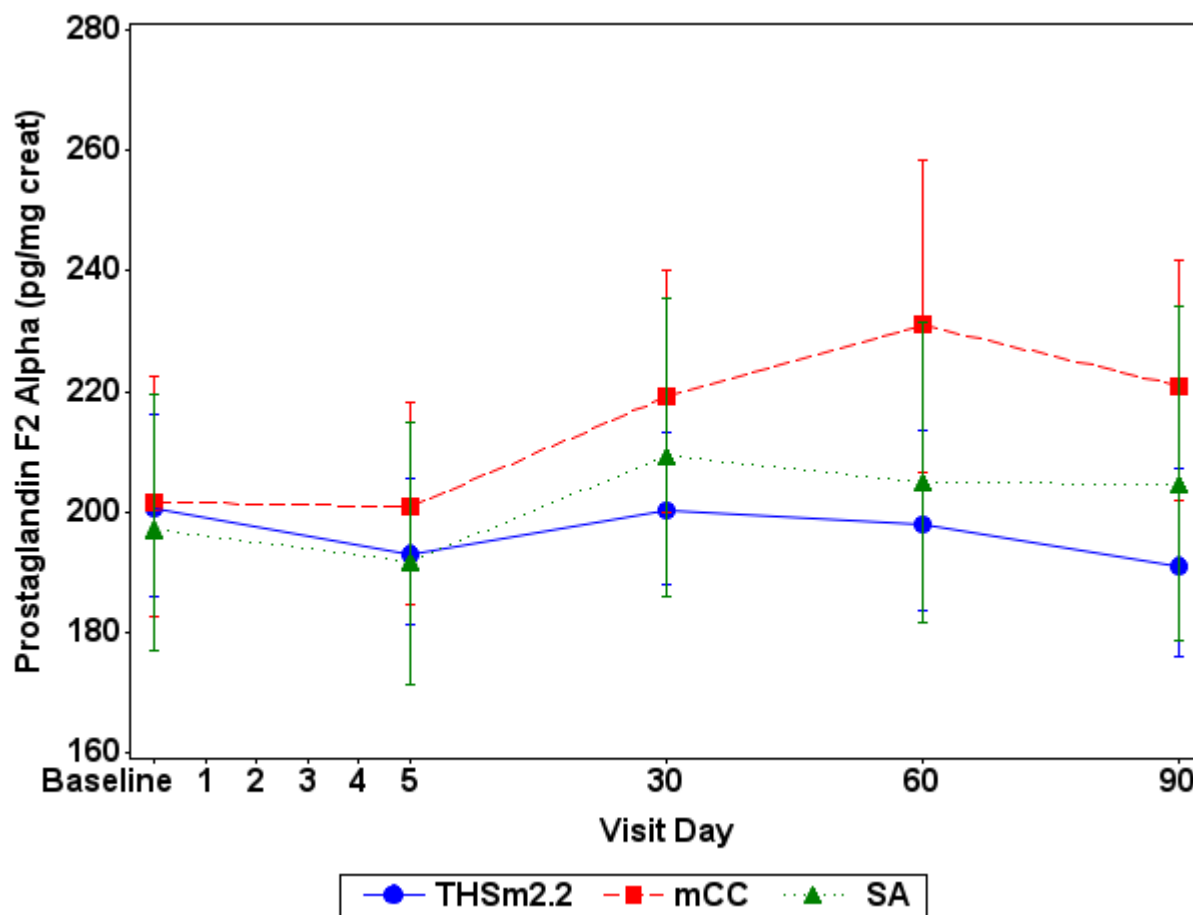
Arithmetic mean:

Triglycerides (mg/dL), Cholesterol (mg/dL), Hemoglobin A1C (%), HDL Cholesterol (mg/dL), LDL Cholesterol (mg/dL), Leukocytes (GI/L), Neutrophils (GI/L), Lymphocytes (GI/L), Monocytes (GI/L), Eosinophils (GI/L), Basophils (GI/L), Systolic Blood Pressure, Diastolic Blood Pressure, Weight, Waist Circumference

Appendix: 15.2.4.xx.1, with xx in 26 to 33

Study ID: ZRHM-REXA-07-JP

Program: f1501020301-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 23 of 23

**Figure 15.1.2.3.2 Risk Markers Mean and 95% CI - FAS**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the PP Set for Period 1.

Geometric mean:

Prostaglandin F2 Alpha (pg/mg creat), 11-Dehydro-Thromboxane B2 (pg/mg creat), Interleukin Adhesion Molecule 1 (ng/mL), Glucose (mg/dL), C Reactive Protein (mg/L), Homocysteine (umol/L), Fibrinogen (mg/dL), Platelets (GI/L)

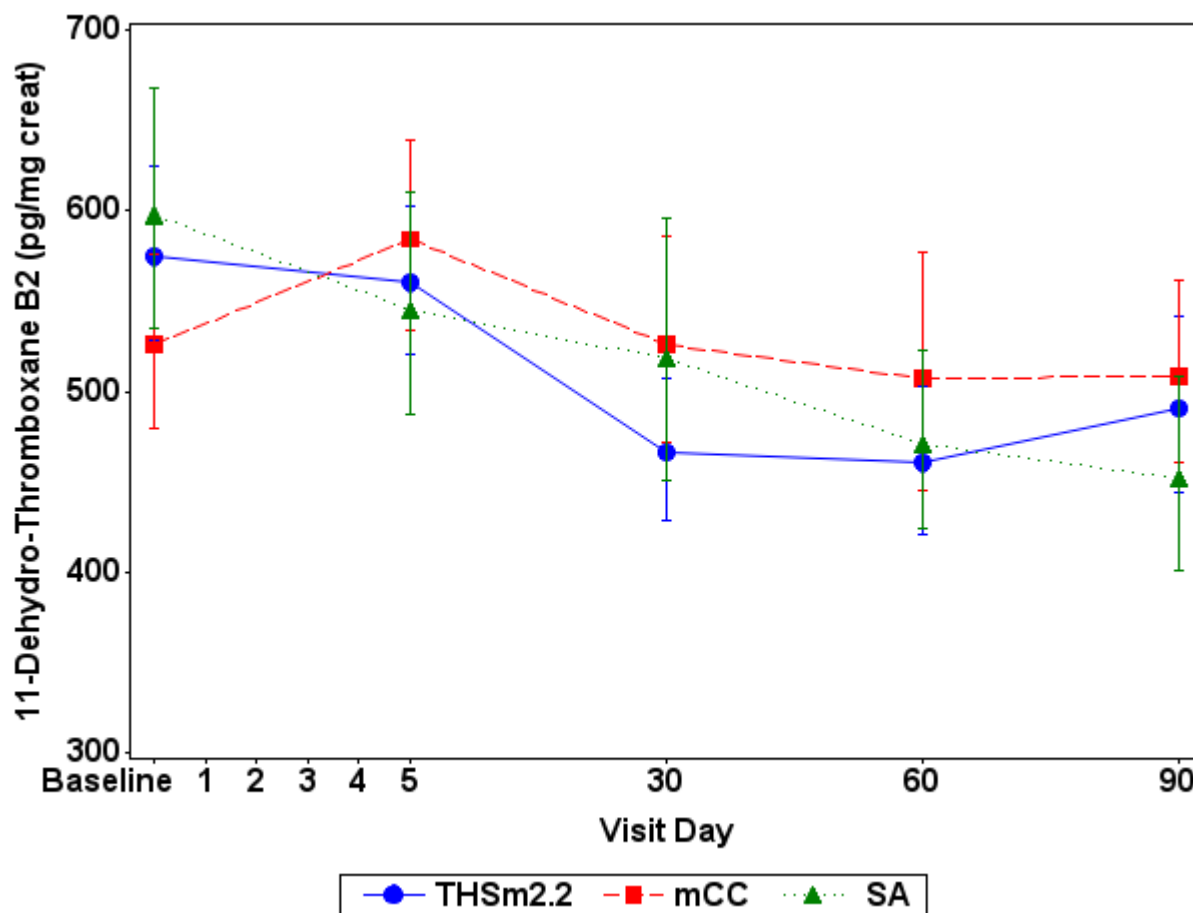
Arithmetic mean:

Triglycerides (mg/dL), Cholesterol (mg/dL), Hemoglobin A1C (%), HDL Cholesterol (mg/dL), LDL Cholesterol (mg/dL), Leukocytes (GI/L), Neutrophils (GI/L), Lymphocytes (GI/L), Monocytes (GI/L), Eosinophils (GI/L), Basophils (GI/L), Systolic Blood Pressure, Diastolic Blood Pressure, Weight, Waist Circumference

Appendix: 15.2.4.xx.2, with xx in 26 to 33

Study ID: ZRHM-REXA-07-JP

Program: f1501020302-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 1 of 23

**Figure 15.1.2.3.2 Risk Markers Mean and 95% CI - FAS**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the PP Set for Period 1.

Geometric mean:

Prostaglandin F2 Alpha (pg/mg creat), 11-Dehydro-Thromboxane B2 (pg/mg creat), Interleukin Adhesion Molecule 1 (ng/mL), Glucose (mg/dL), C Reactive Protein (mg/L), Homocysteine (umol/L), Fibrinogen (mg/dL), Platelets (GI/L)

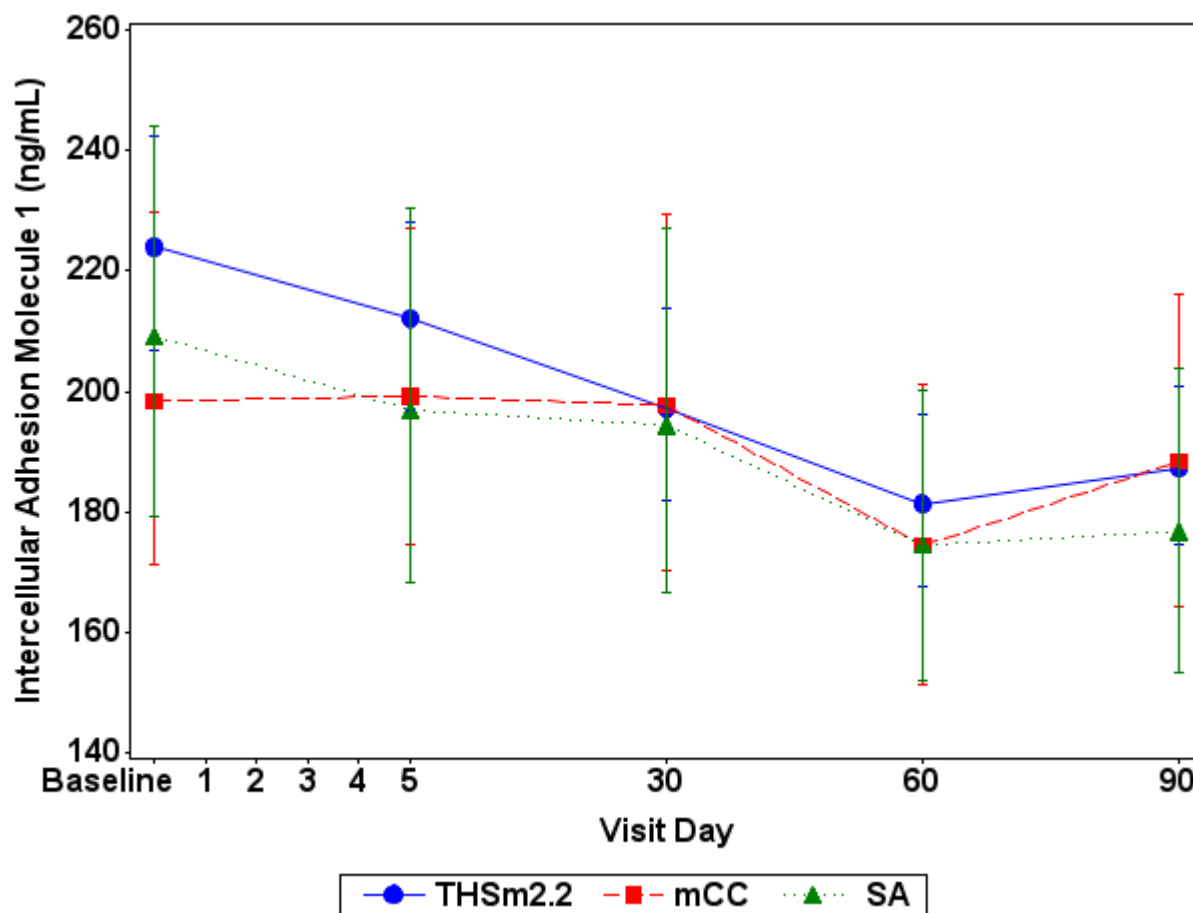
Arithmetic mean:

Triglycerides (mg/dL), Cholesterol (mg/dL), Hemoglobin A1C (%), HDL Cholesterol (mg/dL), LDL Cholesterol (mg/dL), Leukocytes (GI/L), Neutrophils (GI/L), Lymphocytes (GI/L), Monocytes (GI/L), Eosinophils (GI/L), Basophils (GI/L), Systolic Blood Pressure, Diastolic Blood Pressure, Weight, Waist Circumference

Appendix: 15.2.4.xx.2, with xx in 26 to 33

Study ID: ZRHM-REXA-07-JP

Program: f1501020302-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 2 of 23

**Figure 15.1.2.3.2 Risk Markers Mean and 95% CI - FAS**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the PP Set for Period 1.

Geometric mean:

Prostaglandin F2 Alpha (pg/mg creat), 11-Dehydro-Thromboxane B2 (pg/mg creat), Intercellular Adhesion Molecule 1 (ng/mL), Glucose (mg/dL), C Reactive Protein (mg/L), Homocysteine (umol/L), Fibrinogen (mg/dL), Platelets (GI/L)

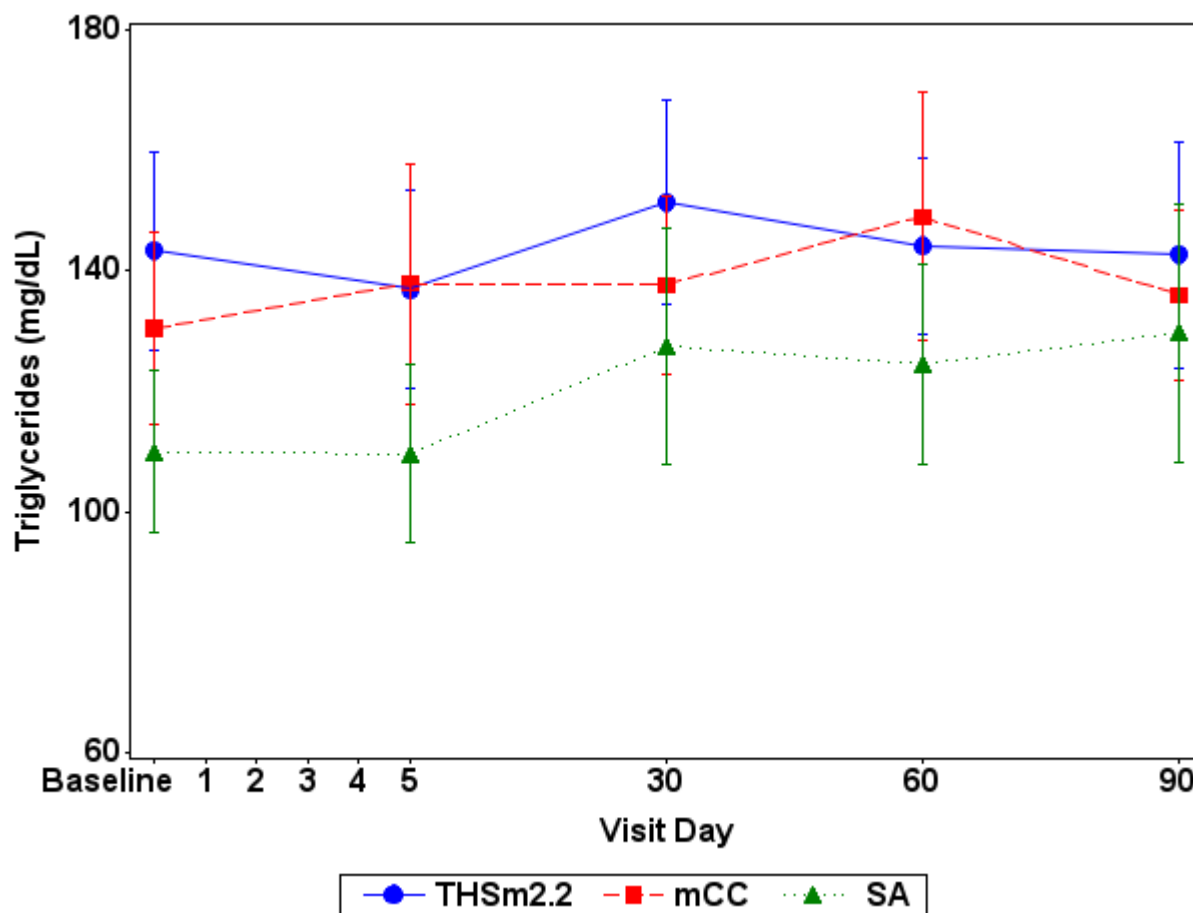
Arithmetic mean:

Triglycerides (mg/dL), Cholesterol (mg/dL), Hemoglobin A1C (%), HDL Cholesterol (mg/dL), LDL Cholesterol (mg/dL), Leukocytes (GI/L), Neutrophils (GI/L), Lymphocytes (GI/L), Monocytes (GI/L), Eosinophils (GI/L), Basophils (GI/L), Systolic Blood Pressure, Diastolic Blood Pressure, Weight, Waist Circumference

Appendix: 15.2.4.xx.2, with xx in 26 to 33

Study ID: ZRHM-REXA-07-JP

Program: f1501020302-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 3 of 23

**Figure 15.1.2.3.2 Risk Markers Mean and 95% CI - FAS**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the PP Set for Period 1.

Geometric mean:

Prostaglandin F2 Alpha (pg/mg creat), 11-Dehydro-Thromboxane B2 (pg/mg creat), Intercellular Adhesion Molecule 1 (ng/mL), Glucose (mg/dL), C Reactive Protein (mg/L), Homocysteine (umol/L), Fibrinogen (mg/dL), Platelets (GI/L)

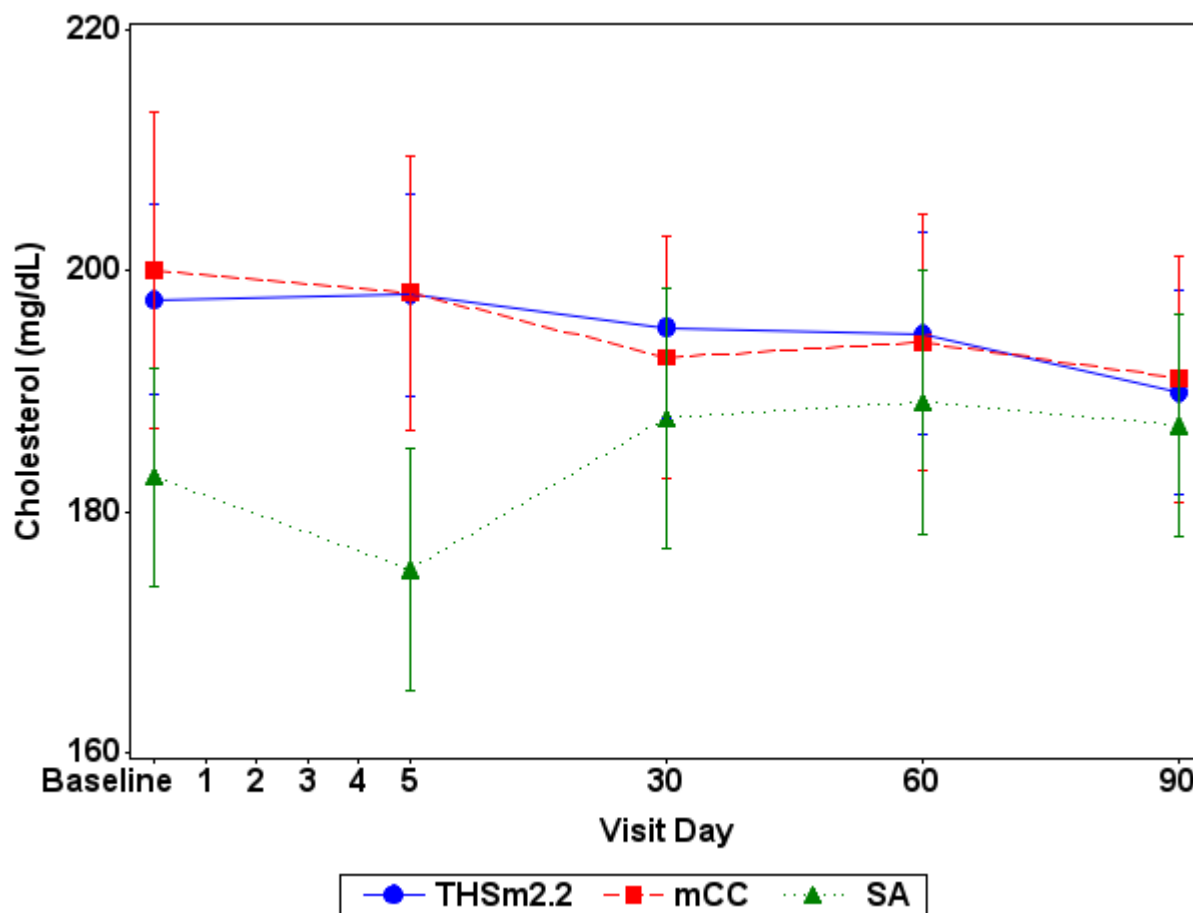
Arithmetic mean:

Triglycerides (mg/dL), Cholesterol (mg/dL), Hemoglobin A1C (%), HDL Cholesterol (mg/dL), LDL Cholesterol (mg/dL), Leukocytes (GI/L), Neutrophils (GI/L), Lymphocytes (GI/L), Monocytes (GI/L), Eosinophils (GI/L), Basophils (GI/L), Systolic Blood Pressure, Diastolic Blood Pressure, Weight, Waist Circumference

Appendix: 15.2.4.xx.2, with xx in 26 to 33

Study ID: ZRHM-REXA-07-JP

Program: f1501020302-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 4 of 23

**Figure 15.1.2.3.2 Risk Markers Mean and 95% CI - FAS**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the PP Set for Period 1.

Geometric mean:

Prostaglandin F2 Alpha (pg/mg creat), 11-Dehydro-Thromboxane B2 (pg/mg creat), Intercellular Adhesion Molecule 1 (ng/mL), Glucose (mg/dL), C Reactive Protein (mg/L), Homocysteine (umol/L), Fibrinogen (mg/dL), Platelets (GI/L)

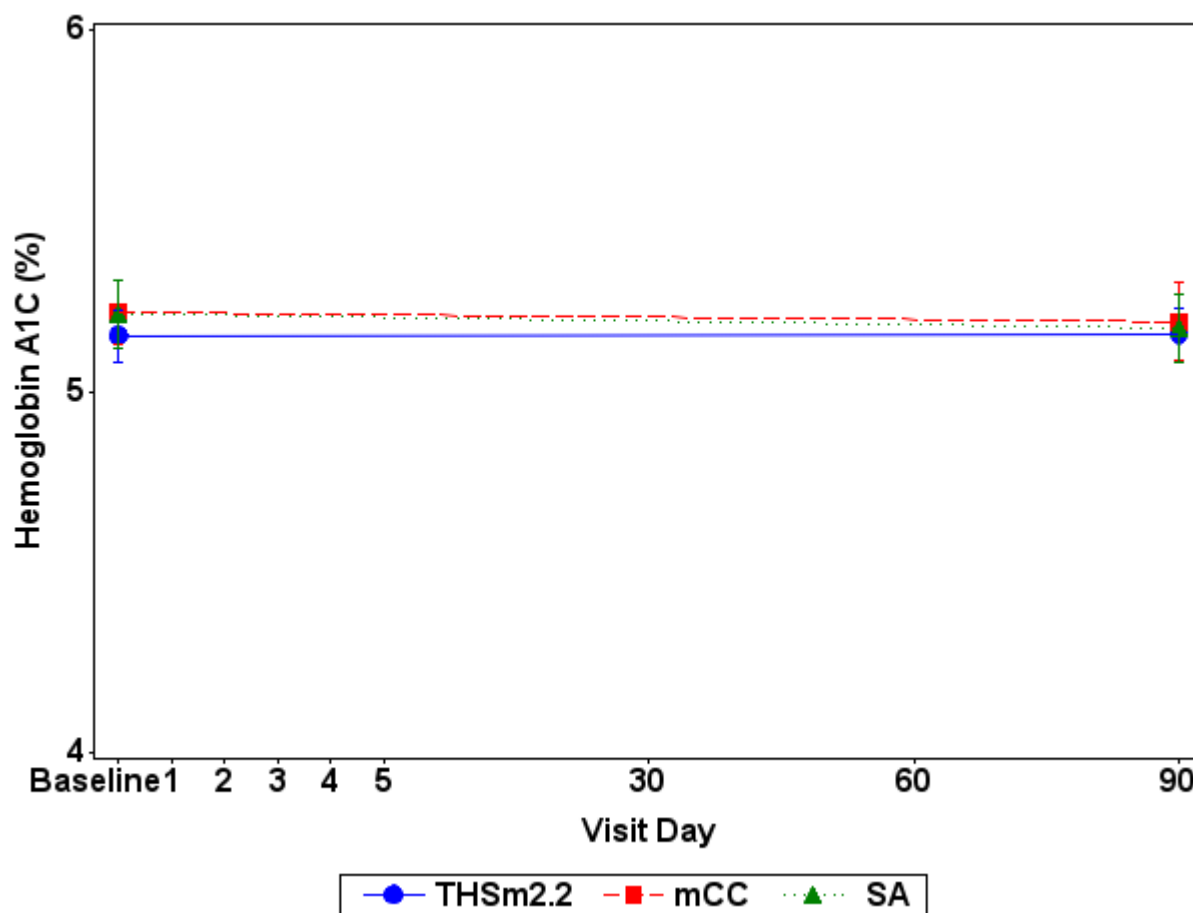
Arithmetic mean:

Triglycerides (mg/dL), Cholesterol (mg/dL), Hemoglobin A1C (%), HDL Cholesterol (mg/dL), LDL Cholesterol (mg/dL), Leukocytes (GI/L), Neutrophils (GI/L), Lymphocytes (GI/L), Monocytes (GI/L), Eosinophils (GI/L), Basophils (GI/L), Systolic Blood Pressure, Diastolic Blood Pressure, Weight, Waist Circumference

Appendix: 15.2.4.xx.2, with xx in 26 to 33

Study ID: ZRHM-REXA-07-JP

Program: f1501020302-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 5 of 23

**Figure 15.1.2.3.2 Risk Markers Mean and 95% CI - FAS**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the PP Set for Period 1.

Geometric mean:

Prostaglandin F2 Alpha (pg/mg creat), 11-Dehydro-Thromboxane B2 (pg/mg creat), Interleukin Adhesion Molecule 1 (ng/mL), Glucose (mg/dL), C Reactive Protein (mg/L), Homocysteine (umol/L), Fibrinogen (mg/dL), Platelets (GI/L)

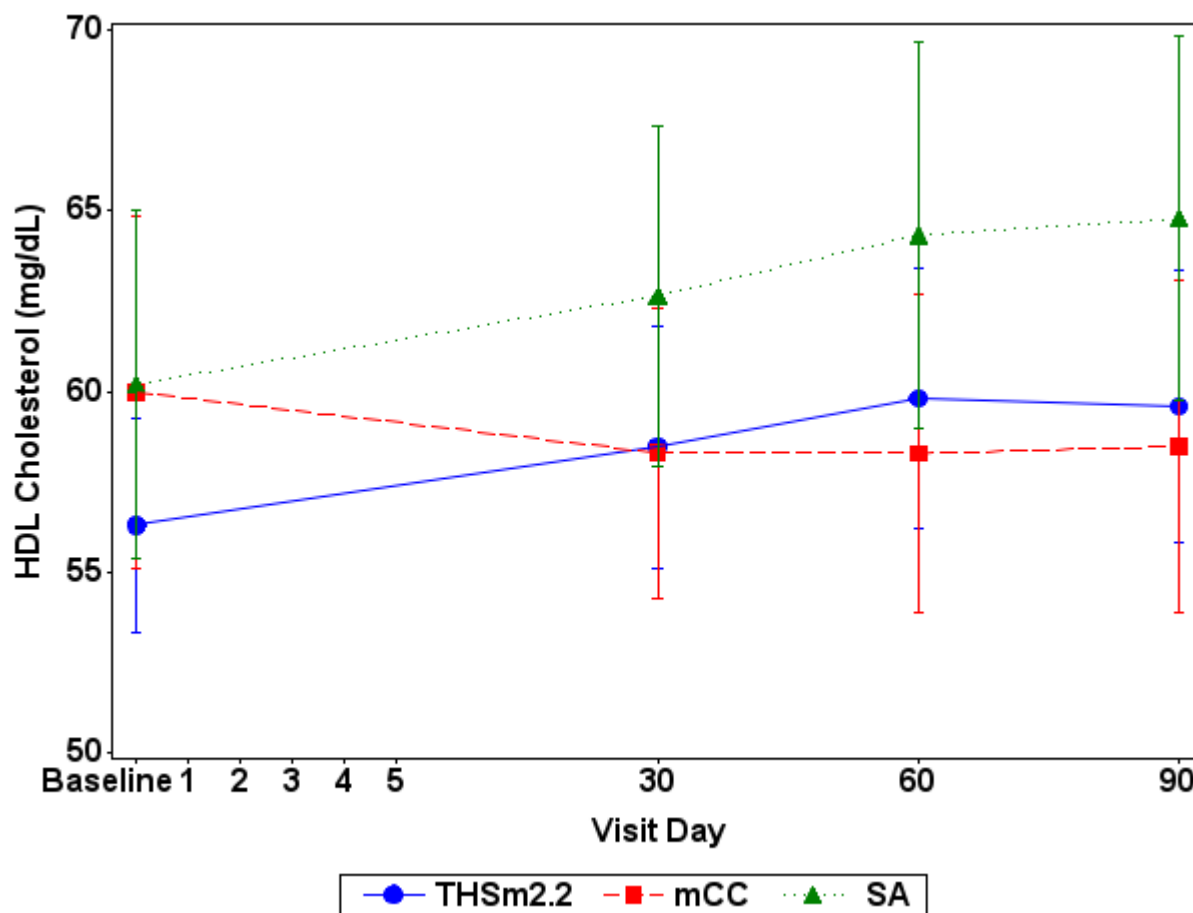
Arithmetic mean:

Triglycerides (mg/dL), Cholesterol (mg/dL), Hemoglobin A1C (%), HDL Cholesterol (mg/dL), LDL Cholesterol (mg/dL), Leukocytes (GI/L), Neutrophils (GI/L), Lymphocytes (GI/L), Monocytes (GI/L), Eosinophils (GI/L), Basophils (GI/L), Systolic Blood Pressure, Diastolic Blood Pressure, Weight, Waist Circumference

Appendix: 15.2.4.xx.2, with xx in 26 to 33

Study ID: ZRHM-REXA-07-JP

Program: f1501020302-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 6 of 23

**Figure 15.1.2.3.2 Risk Markers Mean and 95% CI - FAS**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the PP Set for Period 1.

Geometric mean:

Prostaglandin F2 Alpha (pg/mg creat), 11-Dehydro-Thromboxane B2 (pg/mg creat), Interleukin Adhesion Molecule 1 (ng/mL), Glucose (mg/dL), C Reactive Protein (mg/L), Homocysteine (umol/L), Fibrinogen (mg/dL), Platelets (GI/L)

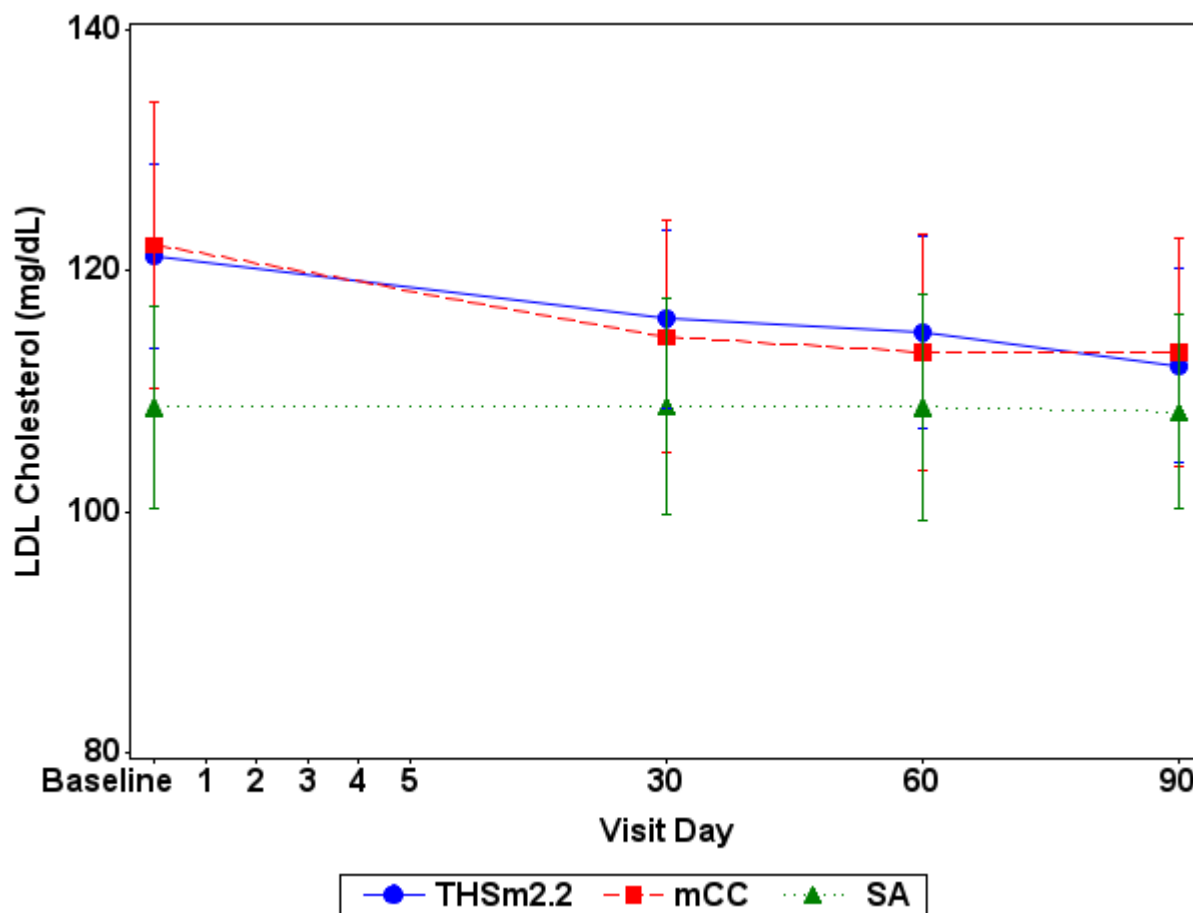
Arithmetic mean:

Triglycerides (mg/dL), Cholesterol (mg/dL), Hemoglobin A1C (%), HDL Cholesterol (mg/dL), LDL Cholesterol (mg/dL), Leukocytes (GI/L), Neutrophils (GI/L), Lymphocytes (GI/L), Monocytes (GI/L), Eosinophils (GI/L), Basophils (GI/L), Systolic Blood Pressure, Diastolic Blood Pressure, Weight, Waist Circumference

Appendix: 15.2.4.xx.2, with xx in 26 to 33

Study ID: ZRHM-REXA-07-JP

Program: f1501020302-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 7 of 23

**Figure 15.1.2.3.2 Risk Markers Mean and 95% CI - FAS**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the PP Set for Period 1.

Geometric mean:

Prostaglandin F2 Alpha (pg/mg creat), 11-Dehydro-Thromboxane B2 (pg/mg creat), Interleukin Adhesion Molecule 1 (ng/mL), Glucose (mg/dL), C Reactive Protein (mg/L), Homocysteine (umol/L), Fibrinogen (mg/dL), Platelets (GI/L)

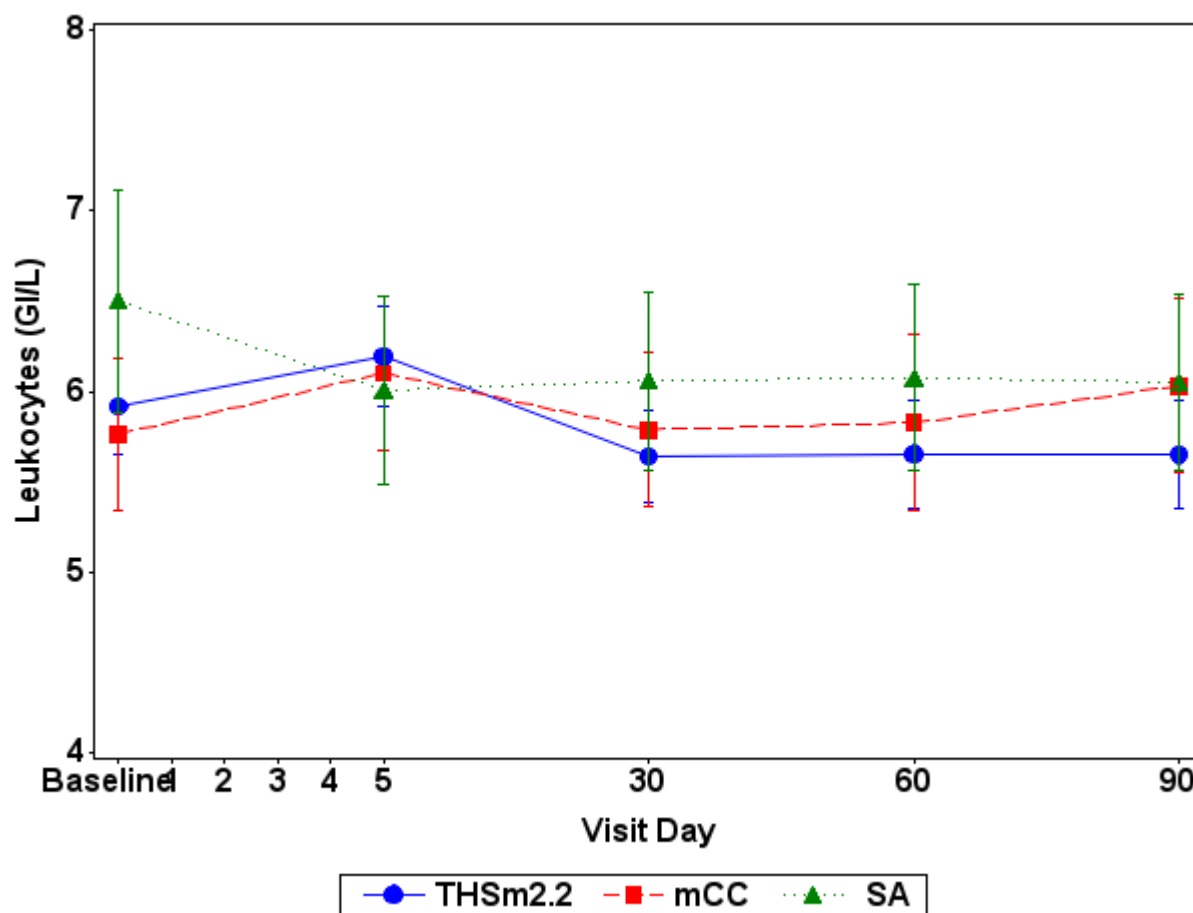
Arithmetic mean:

Triglycerides (mg/dL), Cholesterol (mg/dL), Hemoglobin A1C (%), HDL Cholesterol (mg/dL), LDL Cholesterol (mg/dL), Leukocytes (GI/L), Neutrophils (GI/L), Lymphocytes (GI/L), Monocytes (GI/L), Eosinophils (GI/L), Basophils (GI/L), Systolic Blood Pressure, Diastolic Blood Pressure, Weight, Waist Circumference

Appendix: 15.2.4.xx.2, with xx in 26 to 33

Study ID: ZRHM-REXA-07-JP

Program: f1501020302-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 8 of 23

**Figure 15.1.2.3.2 Risk Markers Mean and 95% CI - FAS**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the PP Set for Period 1.

Geometric mean:

Prostaglandin F2 Alpha (pg/mg creat), 11-Dehydro-Thromboxane B2 (pg/mg creat), Interleukin Adhesion Molecule 1 (ng/mL), Glucose (mg/dL), C Reactive Protein (mg/L), Homocysteine (umol/L), Fibrinogen (mg/dL), Platelets (GI/L)

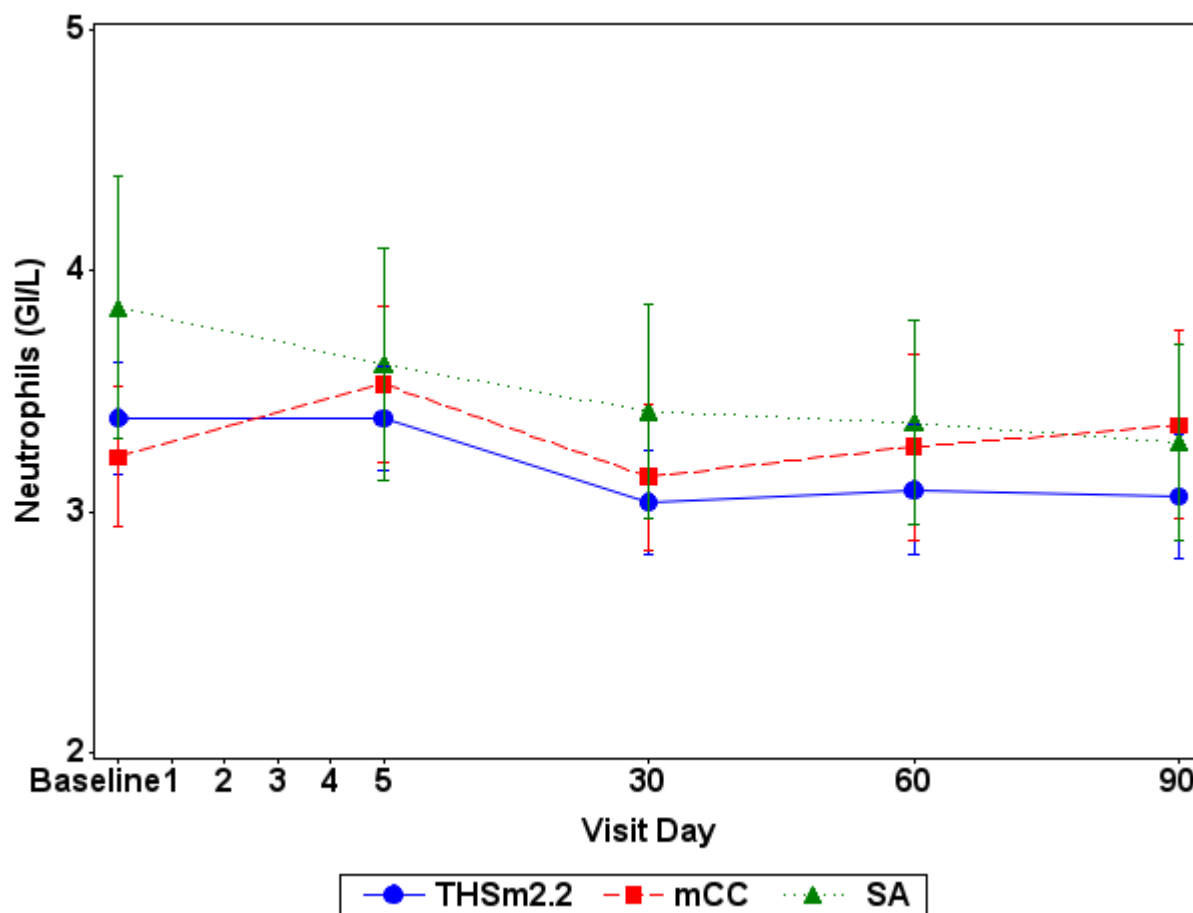
Arithmetic mean:

Triglycerides (mg/dL), Cholesterol (mg/dL), Hemoglobin A1C (%), HDL Cholesterol (mg/dL), LDL Cholesterol (mg/dL), Leukocytes (GI/L), Neutrophils (GI/L), Lymphocytes (GI/L), Monocytes (GI/L), Eosinophils (GI/L), Basophils (GI/L), Systolic Blood Pressure, Diastolic Blood Pressure, Weight, Waist Circumference

Appendix: 15.2.4.xx.2, with xx in 26 to 33

Study ID: ZRHM-REXA-07-JP

Program: f1501020302-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 9 of 23

**Figure 15.1.2.3.2 Risk Markers Mean and 95% CI - FAS**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the PP Set for Period 1.

Geometric mean:

Prostaglandin F2 Alpha (pg/mg creat), 11-Dehydro-Thromboxane B2 (pg/mg creat), Interleukin Adhesion Molecule 1 (ng/mL), Glucose (mg/dL), C Reactive Protein (mg/L), Homocysteine (umol/L), Fibrinogen (mg/dL), Platelets (GI/L)

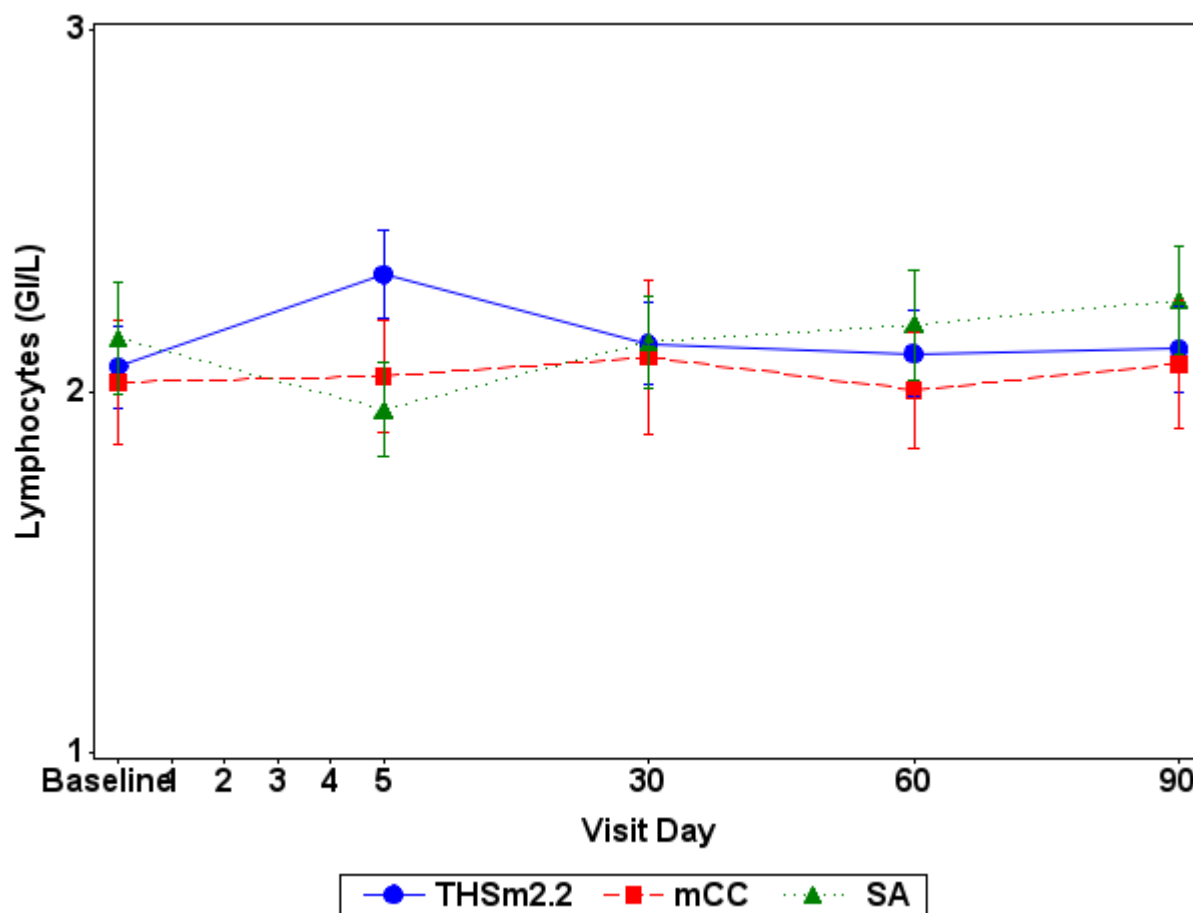
Arithmetic mean:

Triglycerides (mg/dL), Cholesterol (mg/dL), Hemoglobin A1C (%), HDL Cholesterol (mg/dL), LDL Cholesterol (mg/dL), Leukocytes (GI/L), Neutrophils (GI/L), Lymphocytes (GI/L), Monocytes (GI/L), Eosinophils (GI/L), Basophils (GI/L), Systolic Blood Pressure, Diastolic Blood Pressure, Weight, Waist Circumference

Appendix: 15.2.4.xx.2, with xx in 26 to 33

Study ID: ZRHM-REXA-07-JP

Program: f1501020302-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 10 of 23

**Figure 15.1.2.3.2 Risk Markers Mean and 95% CI - FAS**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the PP Set for Period 1.

Geometric mean:

Prostaglandin F2 Alpha (pg/mg creat), 11-Dehydro-Thromboxane B2 (pg/mg creat), Interleukin Adhesion Molecule 1 (ng/mL), Glucose (mg/dL), C Reactive Protein (mg/L), Homocysteine (umol/L), Fibrinogen (mg/dL), Platelets (GI/L)

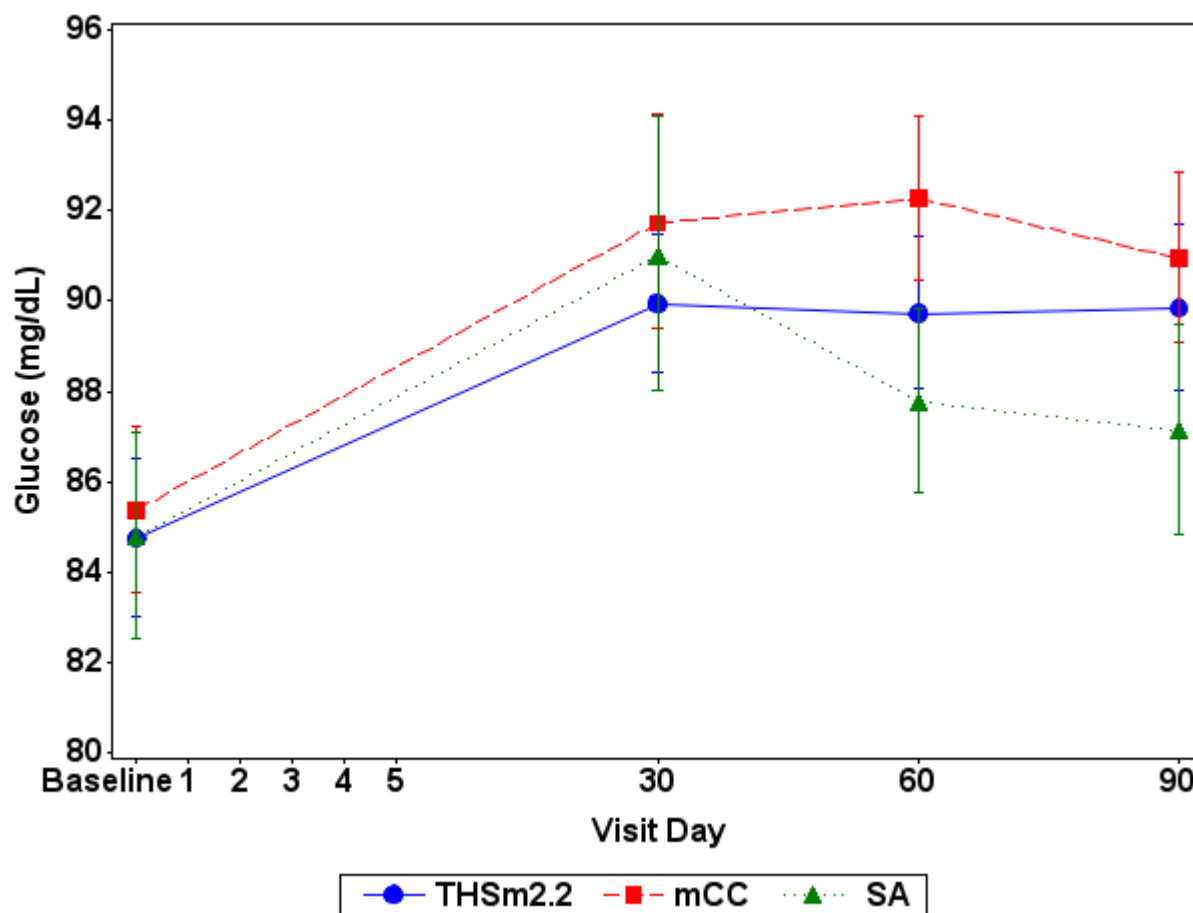
Arithmetic mean:

Triglycerides (mg/dL), Cholesterol (mg/dL), Hemoglobin A1C (%), HDL Cholesterol (mg/dL), LDL Cholesterol (mg/dL), Leukocytes (GI/L), Neutrophils (GI/L), Lymphocytes (GI/L), Monocytes (GI/L), Eosinophils (GI/L), Basophils (GI/L), Systolic Blood Pressure, Diastolic Blood Pressure, Weight, Waist Circumference

Appendix: 15.2.4.xx.2, with xx in 26 to 33

Study ID: ZRHM-REXA-07-JP

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**Figure 15.1.2.3.2 Risk Markers Mean and 95% CI - FAS**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the PP Set for Period 1.

Geometric mean:

Prostaglandin F2 Alpha (pg/mg creat), 11-Dehydro-Thromboxane B2 (pg/mg creat), Intercellular Adhesion Molecule 1 (ng/mL), Glucose (mg/dL), C Reactive Protein (mg/L), Homocysteine (umol/L), Fibrinogen (mg/dL), Platelets (GI/L)

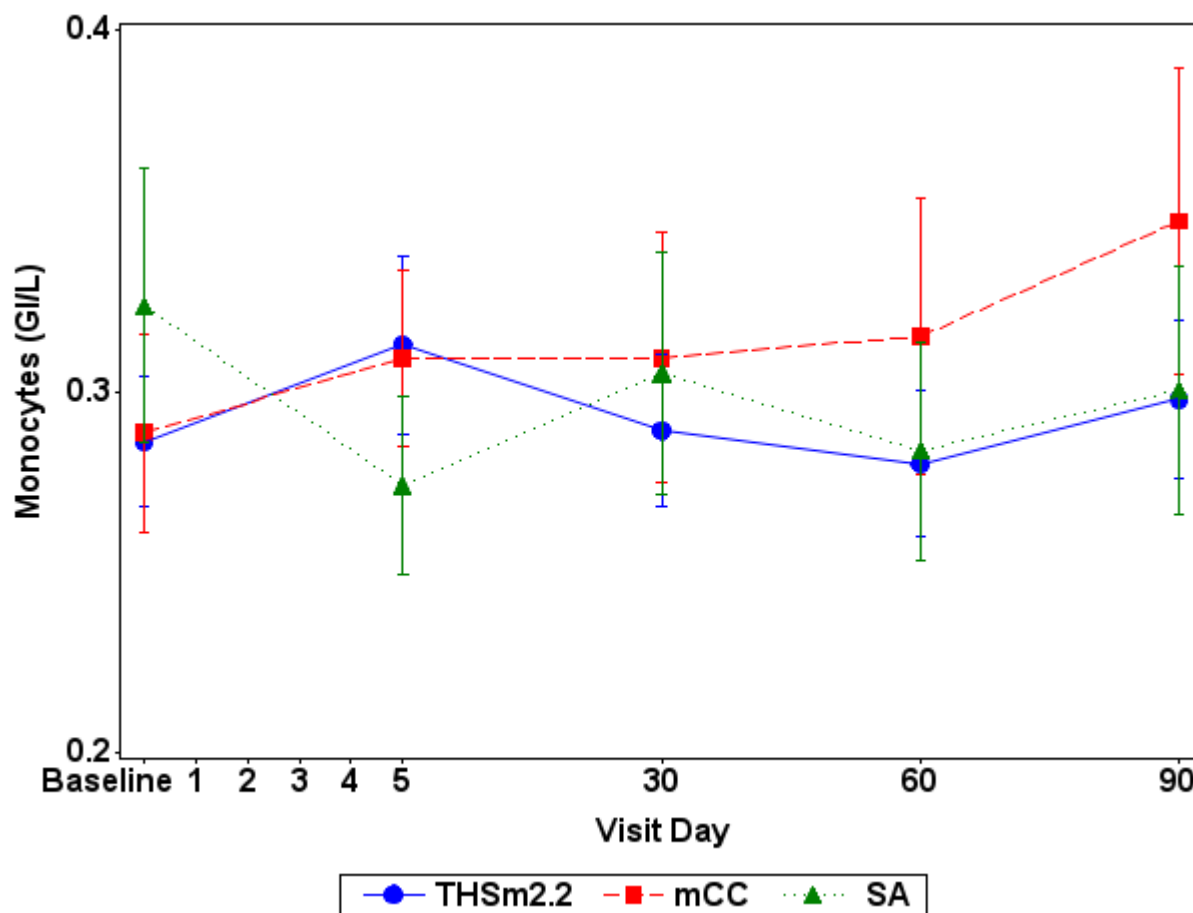
Arithmetic mean:

Triglycerides (mg/dL), Cholesterol (mg/dL), Hemoglobin A1C (%), HDL Cholesterol (mg/dL), LDL Cholesterol (mg/dL), Leukocytes (GI/L), Neutrophils (GI/L), Lymphocytes (GI/L), Monocytes (GI/L), Eosinophils (GI/L), Basophils (GI/L), Systolic Blood Pressure, Diastolic Blood Pressure, Weight, Waist Circumference

Appendix: 15.2.4.xx.2, with xx in 26 to 33

Study ID: ZRHM-REXA-07-JP

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**Figure 15.1.2.3.2 Risk Markers Mean and 95% CI - FAS**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the PP Set for Period 1.

Geometric mean:

Prostaglandin F2 Alpha (pg/mg creat), 11-Dehydro-Thromboxane B2 (pg/mg creat), Interleukin Adhesion Molecule 1 (ng/mL), Glucose (mg/dL), C Reactive Protein (mg/L), Homocysteine (umol/L), Fibrinogen (mg/dL), Platelets (GI/L)

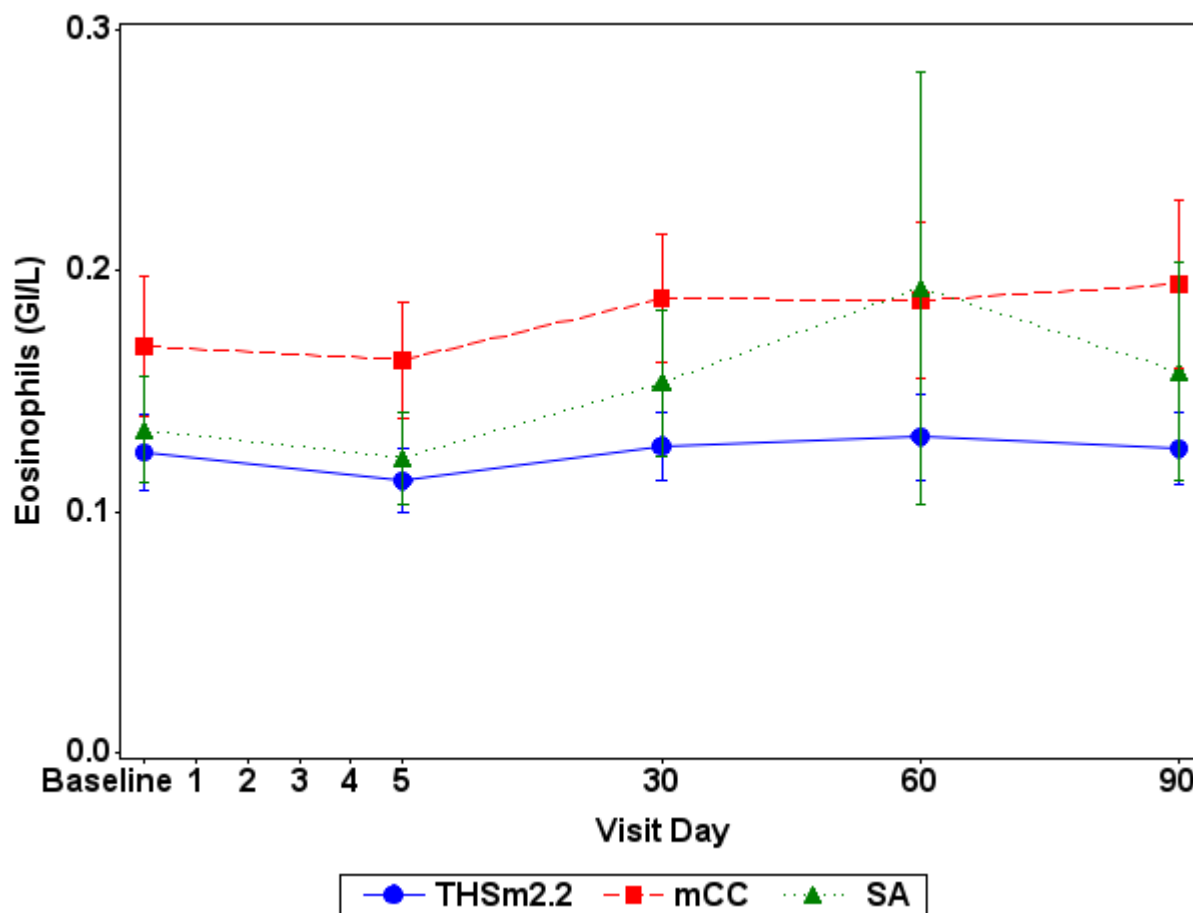
Arithmetic mean:

Triglycerides (mg/dL), Cholesterol (mg/dL), Hemoglobin A1C (%), HDL Cholesterol (mg/dL), LDL Cholesterol (mg/dL), Leukocytes (GI/L), Neutrophils (GI/L), Lymphocytes (GI/L), Monocytes (GI/L), Eosinophils (GI/L), Basophils (GI/L), Systolic Blood Pressure, Diastolic Blood Pressure, Weight, Waist Circumference

Appendix: 15.2.4.xx.2, with xx in 26 to 33

Study ID: ZRHM-REXA-07-JP

Program: f1501020302-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 13 of 23

**Figure 15.1.2.3.2 Risk Markers Mean and 95% CI - FAS**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the PP Set for Period 1.

Geometric mean:

Prostaglandin F2 Alpha (pg/mg creat), 11-Dehydro-Thromboxane B2 (pg/mg creat), Interleukin Adhesion Molecule 1 (ng/mL), Glucose (mg/dL), C Reactive Protein (mg/L), Homocysteine (umol/L), Fibrinogen (mg/dL), Platelets (GI/L)

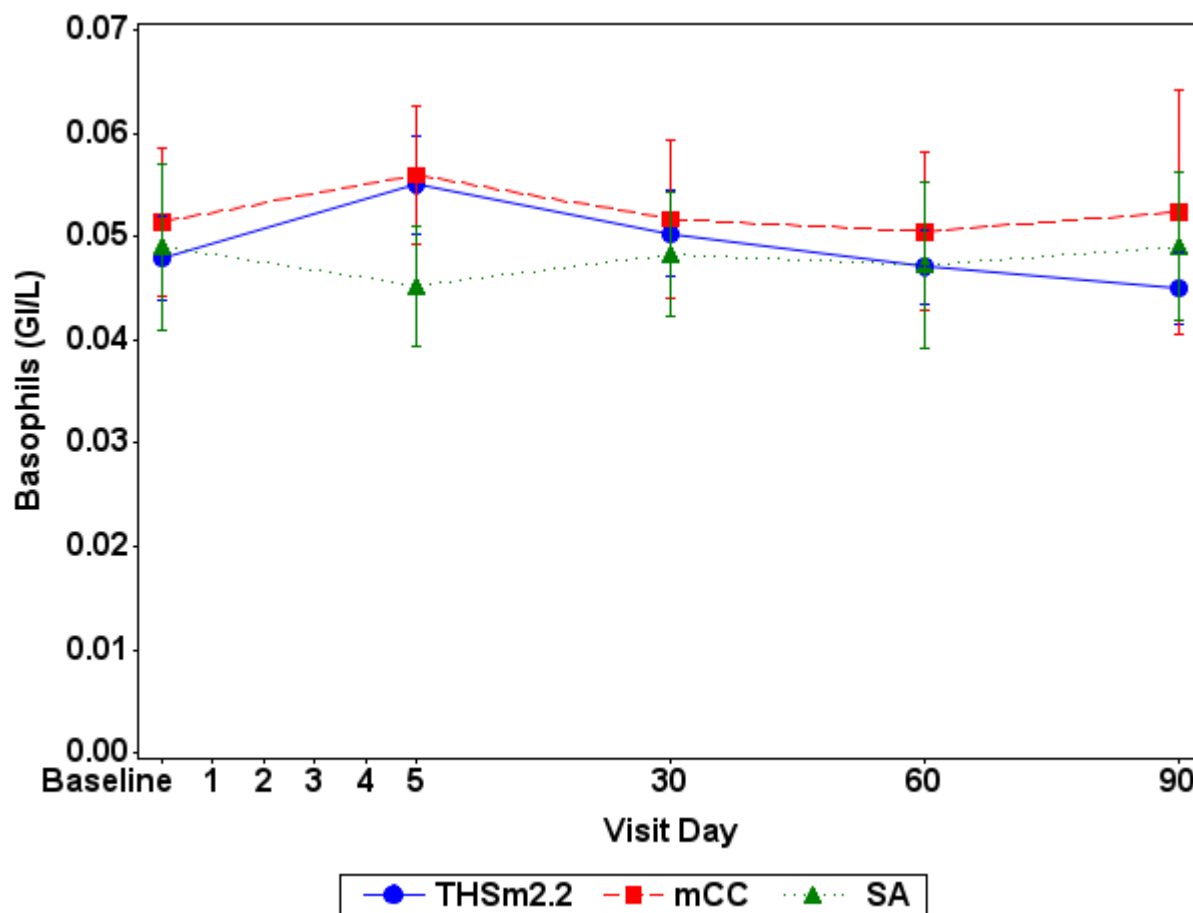
Arithmetic mean:

Triglycerides (mg/dL), Cholesterol (mg/dL), Hemoglobin A1C (%), HDL Cholesterol (mg/dL), LDL Cholesterol (mg/dL), Leukocytes (GI/L), Neutrophils (GI/L), Lymphocytes (GI/L), Monocytes (GI/L), Eosinophils (GI/L), Basophils (GI/L), Systolic Blood Pressure, Diastolic Blood Pressure, Weight, Waist Circumference

Appendix: 15.2.4.xx.2, with xx in 26 to 33

Study ID: ZRHM-REXA-07-JP

Program: f1501020302-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 14 of 23

**Figure 15.1.2.3.2 Risk Markers Mean and 95% CI - FAS**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the PP Set for Period 1.

Geometric mean:

Prostaglandin F2 Alpha (pg/mg creat), 11-Dehydro-Thromboxane B2 (pg/mg creat), Interleukin Adhesion Molecule 1 (ng/mL), Glucose (mg/dL), C Reactive Protein (mg/L), Homocysteine (umol/L), Fibrinogen (mg/dL), Platelets (GI/L)

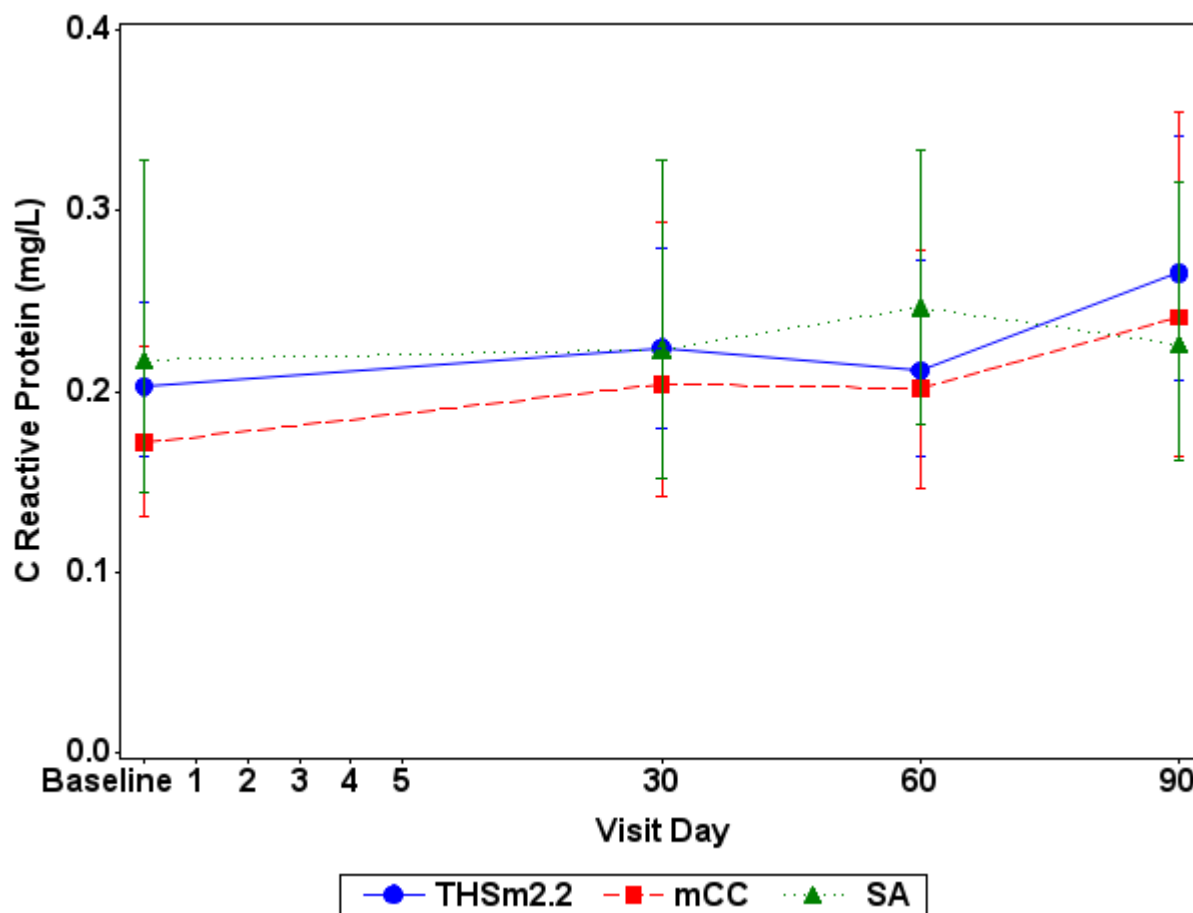
Arithmetic mean:

Triglycerides (mg/dL), Cholesterol (mg/dL), Hemoglobin A1C (%), HDL Cholesterol (mg/dL), LDL Cholesterol (mg/dL), Leukocytes (GI/L), Neutrophils (GI/L), Lymphocytes (GI/L), Monocytes (GI/L), Eosinophils (GI/L), Basophils (GI/L), Systolic Blood Pressure, Diastolic Blood Pressure, Weight, Waist Circumference

Appendix: 15.2.4.xx.2, with xx in 26 to 33

Study ID: ZRHM-REXA-07-JP

Program: f1501020302-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 15 of 23

**Figure 15.1.2.3.2 Risk Markers Mean and 95% CI - FAS**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the PP Set for Period 1.

Geometric mean:

Prostaglandin F2 Alpha (pg/mg creat), 11-Dehydro-Thromboxane B2 (pg/mg creat), Interleukin Adhesion Molecule 1 (ng/mL), Glucose (mg/dL), C Reactive Protein (mg/L), Homocysteine (umol/L), Fibrinogen (mg/dL), Platelets (GI/L)

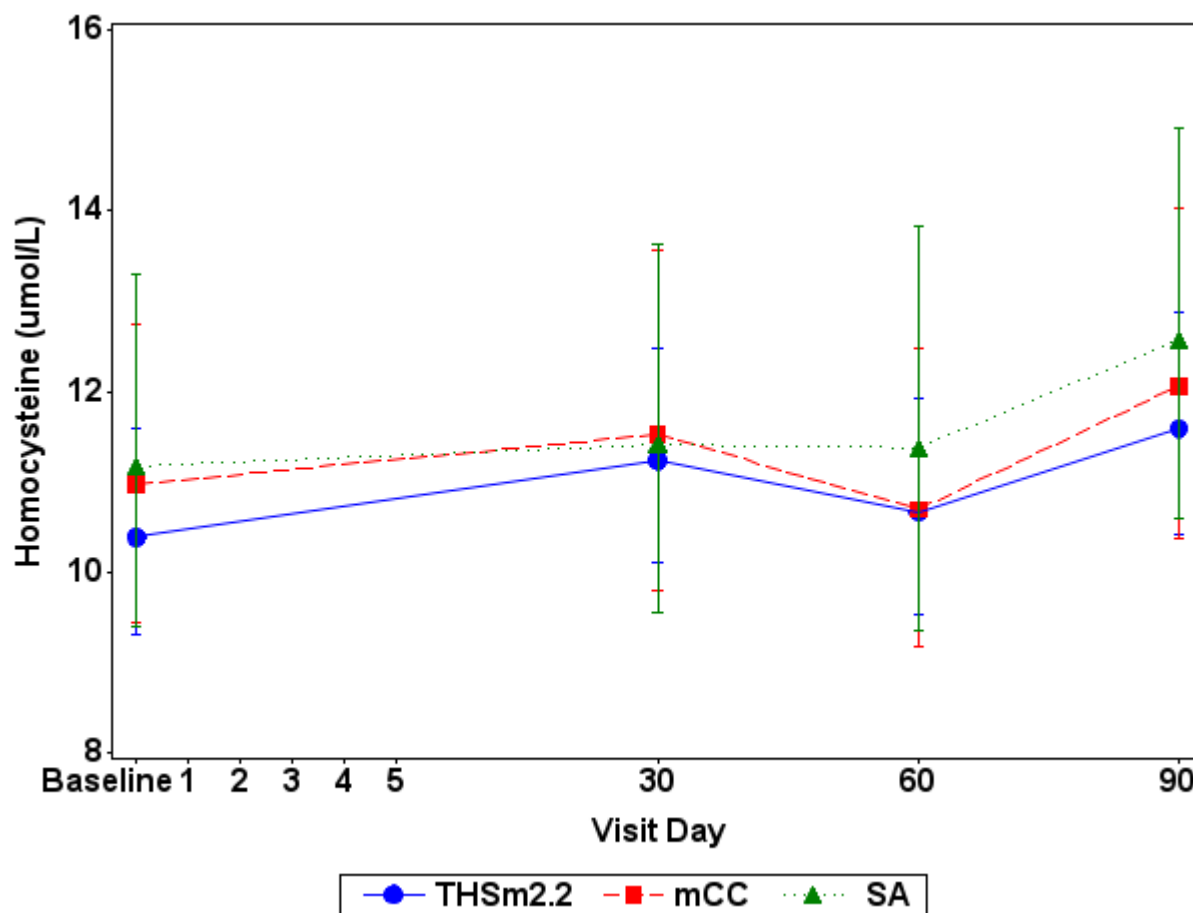
Arithmetic mean:

Triglycerides (mg/dL), Cholesterol (mg/dL), Hemoglobin A1C (%), HDL Cholesterol (mg/dL), LDL Cholesterol (mg/dL), Leukocytes (GI/L), Neutrophils (GI/L), Lymphocytes (GI/L), Monocytes (GI/L), Eosinophils (GI/L), Basophils (GI/L), Systolic Blood Pressure, Diastolic Blood Pressure, Weight, Waist Circumference

Appendix: 15.2.4.xx.2, with xx in 26 to 33

Study ID: ZRHM-REXA-07-JP

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**Figure 15.1.2.3.2 Risk Markers Mean and 95% CI - FAS**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the PP Set for Period 1.

Geometric mean:

Prostaglandin F2 Alpha (pg/mg creat), 11-Dehydro-Thromboxane B2 (pg/mg creat), Interleukin Adhesion Molecule 1 (ng/mL), Glucose (mg/dL), C Reactive Protein (mg/L), Homocysteine (umol/L), Fibrinogen (mg/dL), Platelets (GI/L)

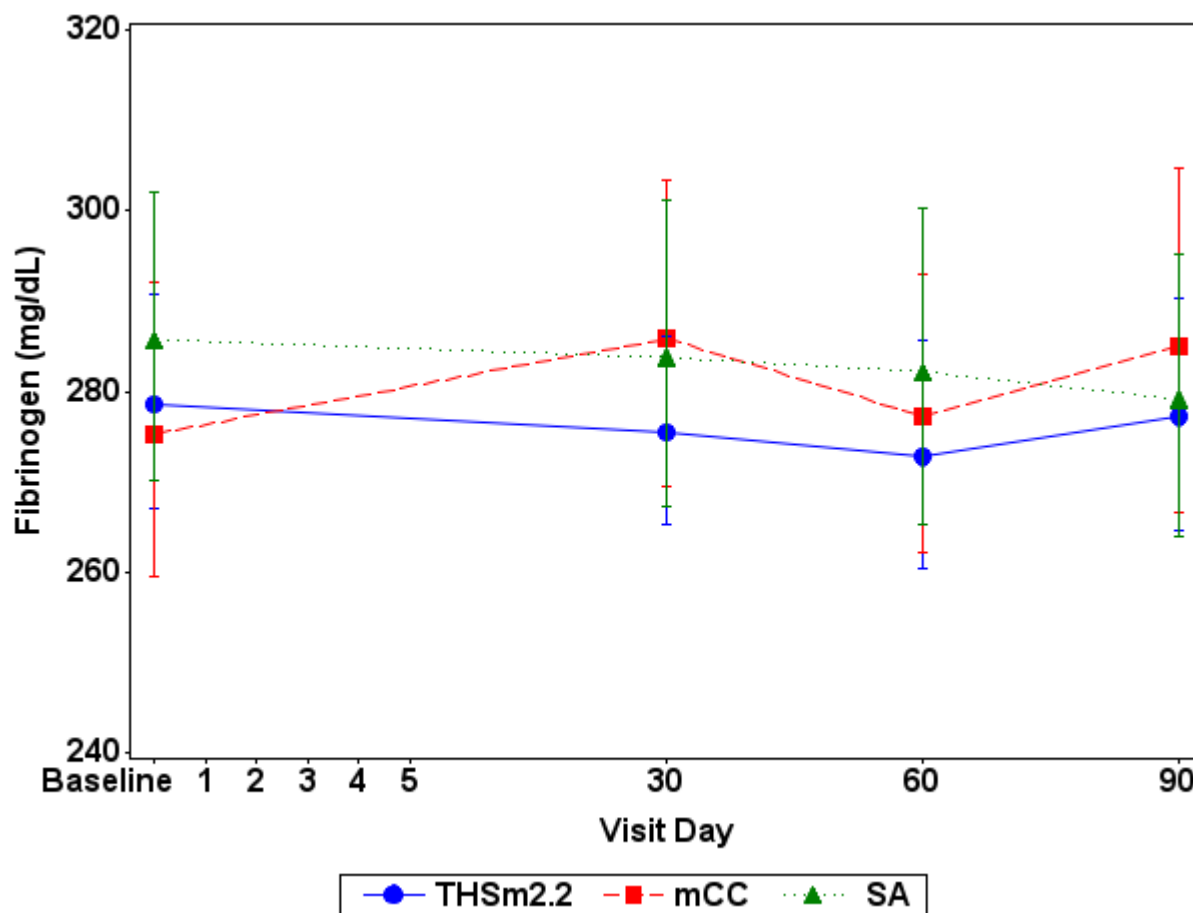
Arithmetic mean:

Triglycerides (mg/dL), Cholesterol (mg/dL), Hemoglobin A1C (%), HDL Cholesterol (mg/dL), LDL Cholesterol (mg/dL), Leukocytes (GI/L), Neutrophils (GI/L), Lymphocytes (GI/L), Monocytes (GI/L), Eosinophils (GI/L), Basophils (GI/L), Systolic Blood Pressure, Diastolic Blood Pressure, Weight, Waist Circumference

Appendix: 15.2.4.xx.2, with xx in 26 to 33

Study ID: ZRHM-REXA-07-JP

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**Figure 15.1.2.3.2 Risk Markers Mean and 95% CI - FAS**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the PP Set for Period 1.

Geometric mean:

Prostaglandin F2 Alpha (pg/mg creat), 11-Dehydro-Thromboxane B2 (pg/mg creat), Interleukin Adhesion Molecule 1 (ng/mL), Glucose (mg/dL), C Reactive Protein (mg/L), Homocysteine (umol/L), Fibrinogen (mg/dL), Platelets (GI/L)

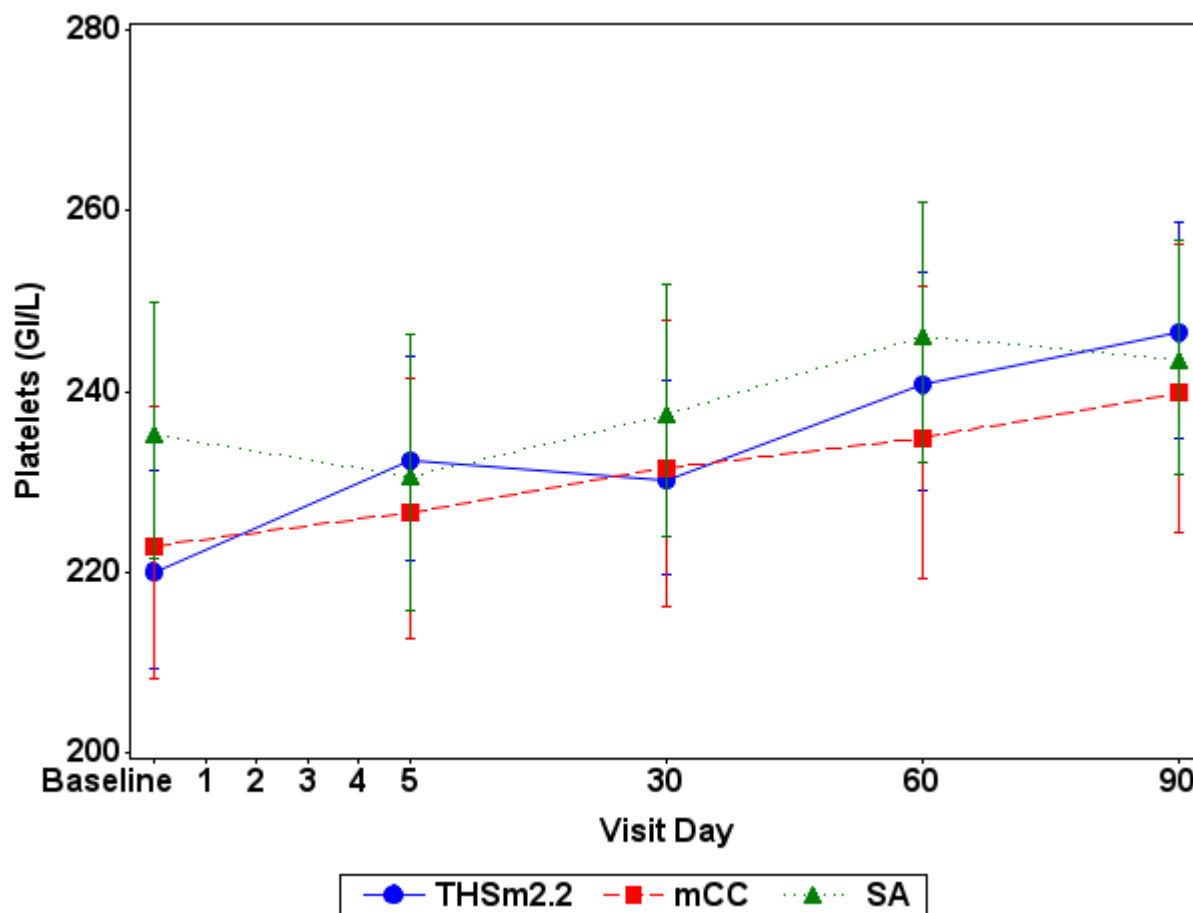
Arithmetic mean:

Triglycerides (mg/dL), Cholesterol (mg/dL), Hemoglobin A1C (%), HDL Cholesterol (mg/dL), LDL Cholesterol (mg/dL), Leukocytes (GI/L), Neutrophils (GI/L), Lymphocytes (GI/L), Monocytes (GI/L), Eosinophils (GI/L), Basophils (GI/L), Systolic Blood Pressure, Diastolic Blood Pressure, Weight, Waist Circumference

Appendix: 15.2.4.xx.2, with xx in 26 to 33

Study ID: ZRHM-REXA-07-JP

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**Figure 15.1.2.3.2 Risk Markers Mean and 95% CI - FAS**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the PP Set for Period 1.

Geometric mean:

Prostaglandin F2 Alpha (pg/mg creat), 11-Dehydro-Thromboxane B2 (pg/mg creat), Interleukin Adhesion Molecule 1 (ng/mL), Glucose (mg/dL), C Reactive Protein (mg/L), Homocysteine (umol/L), Fibrinogen (mg/dL), Platelets (GI/L)

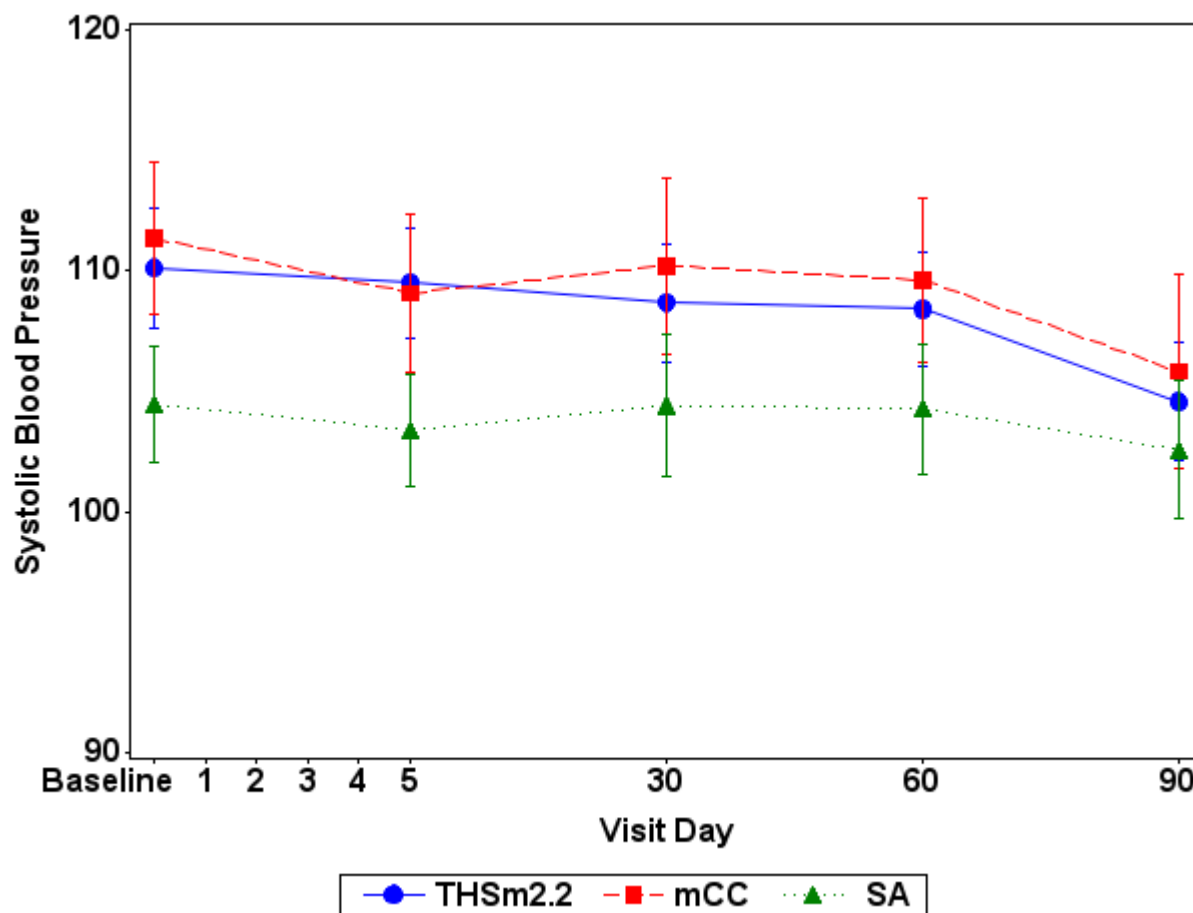
Arithmetic mean:

Triglycerides (mg/dL), Cholesterol (mg/dL), Hemoglobin A1C (%), HDL Cholesterol (mg/dL), LDL Cholesterol (mg/dL), Leukocytes (GI/L), Neutrophils (GI/L), Lymphocytes (GI/L), Monocytes (GI/L), Eosinophils (GI/L), Basophils (GI/L), Systolic Blood Pressure, Diastolic Blood Pressure, Weight, Waist Circumference

Appendix: 15.2.4.xx.2, with xx in 26 to 33

Study ID: ZRHM-REXA-07-JP

Program: f1501020302-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 19 of 23

**Figure 15.1.2.3.2 Risk Markers Mean and 95% CI - FAS**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the PP Set for Period 1.

Geometric mean:

Prostaglandin F2 Alpha (pg/mg creat), 11-Dehydro-Thromboxane B2 (pg/mg creat), Intercellular Adhesion Molecule 1 (ng/mL), Glucose (mg/dL), C Reactive Protein (mg/L), Homocysteine (umol/L), Fibrinogen (mg/dL), Platelets (GI/L)

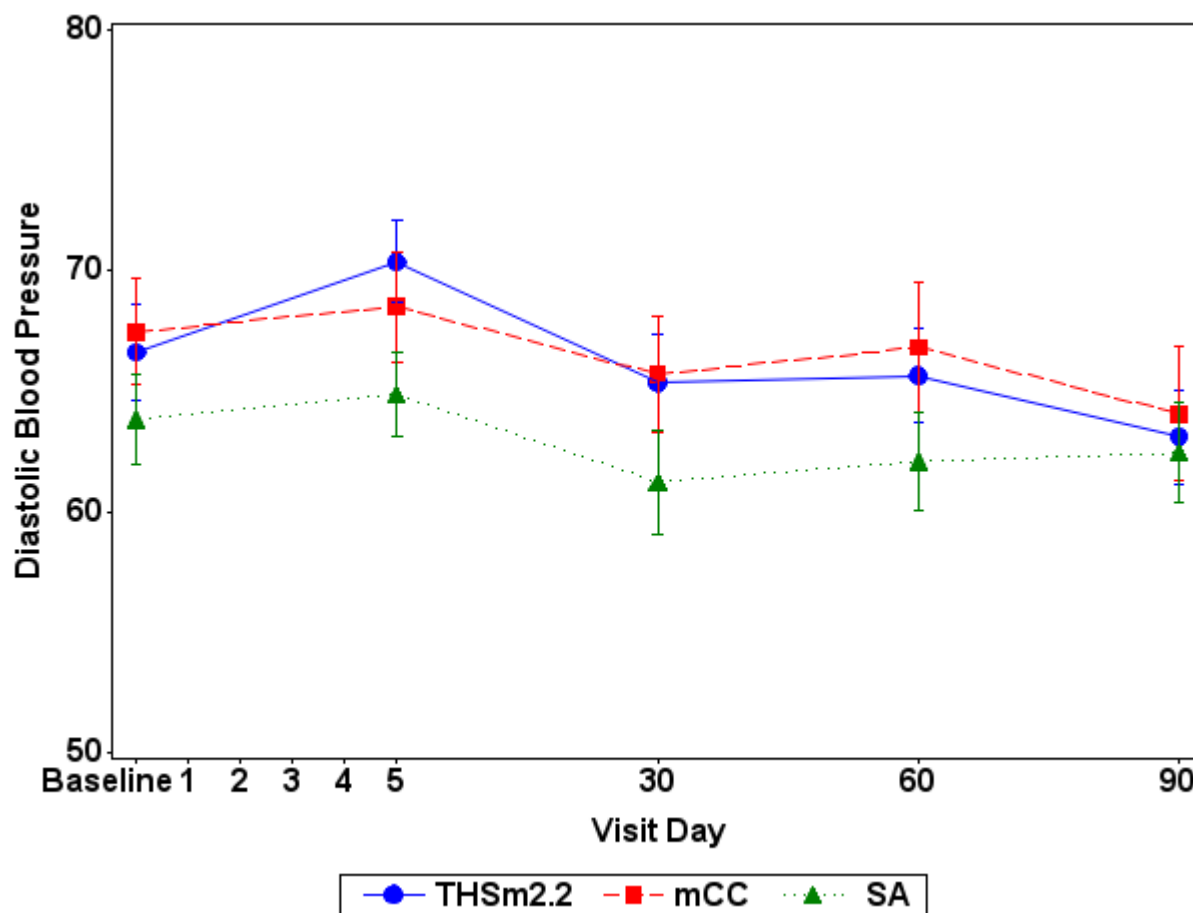
Arithmetic mean:

Triglycerides (mg/dL), Cholesterol (mg/dL), Hemoglobin A1C (%), HDL Cholesterol (mg/dL), LDL Cholesterol (mg/dL), Leukocytes (GI/L), Neutrophils (GI/L), Lymphocytes (GI/L), Monocytes (GI/L), Eosinophils (GI/L), Basophils (GI/L), Systolic Blood Pressure, Diastolic Blood Pressure, Weight, Waist Circumference

Appendix: 15.2.4.xx.2, with xx in 26 to 33

Study ID: ZRHM-REXA-07-JP

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**Figure 15.1.2.3.2 Risk Markers Mean and 95% CI - FAS**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the PP Set for Period 1.

Geometric mean:

Prostaglandin F2 Alpha (pg/mg creat), 11-Dehydro-Thromboxane B2 (pg/mg creat), Interleukin Adhesion Molecule 1 (ng/mL), Glucose (mg/dL), C Reactive Protein (mg/L), Homocysteine (umol/L), Fibrinogen (mg/dL), Platelets (GI/L)

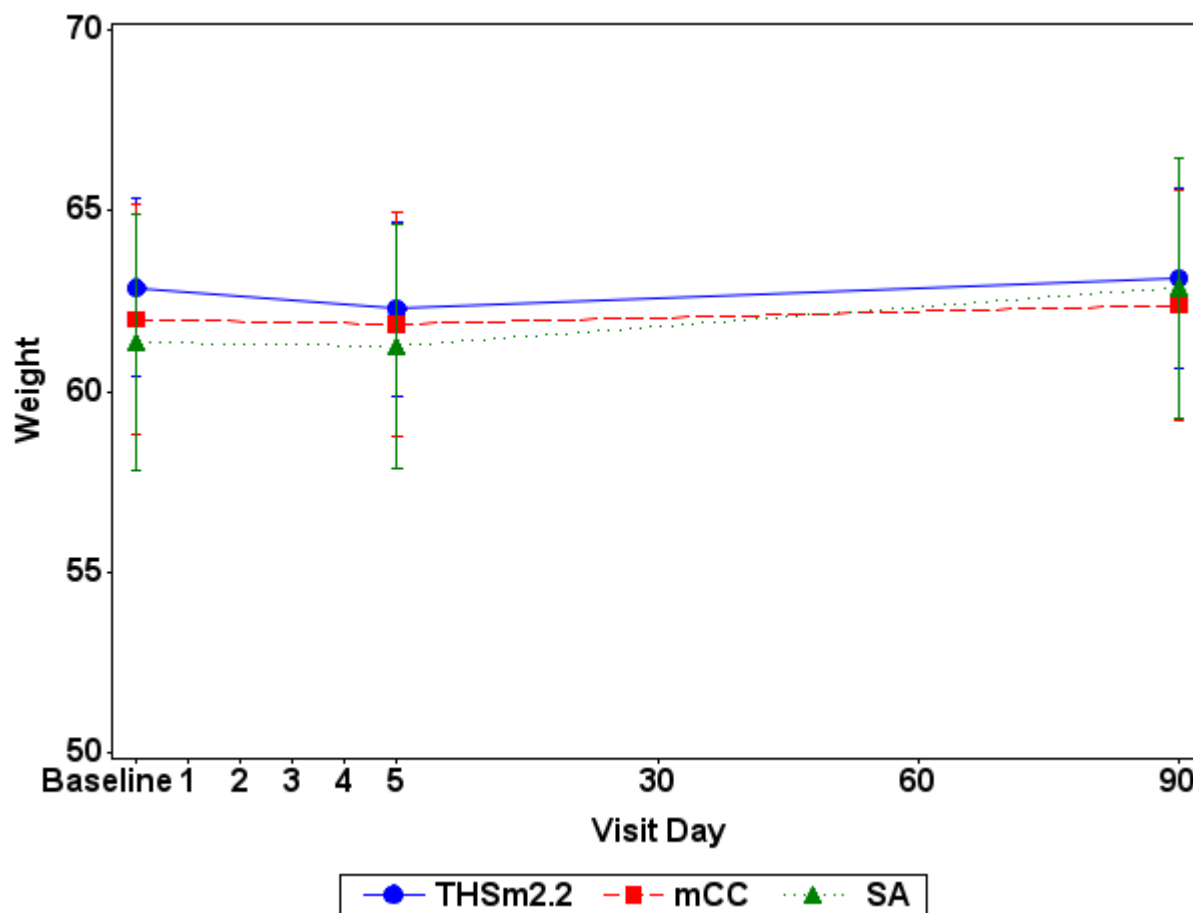
Arithmetic mean:

Triglycerides (mg/dL), Cholesterol (mg/dL), Hemoglobin A1C (%), HDL Cholesterol (mg/dL), LDL Cholesterol (mg/dL), Leukocytes (GI/L), Neutrophils (GI/L), Lymphocytes (GI/L), Monocytes (GI/L), Eosinophils (GI/L), Basophils (GI/L), Systolic Blood Pressure, Diastolic Blood Pressure, Weight, Waist Circumference

Appendix: 15.2.4.xx.2, with xx in 26 to 33

Study ID: ZRHM-REXA-07-JP

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**Figure 15.1.2.3.2 Risk Markers Mean and 95% CI - FAS**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the PP Set for Period 1.

Geometric mean:

Prostaglandin F2 Alpha (pg/mg creat), 11-Dehydro-Thromboxane B2 (pg/mg creat), Interleukin Adhesion Molecule 1 (ng/mL), Glucose (mg/dL), C Reactive Protein (mg/L), Homocysteine (umol/L), Fibrinogen (mg/dL), Platelets (GI/L)

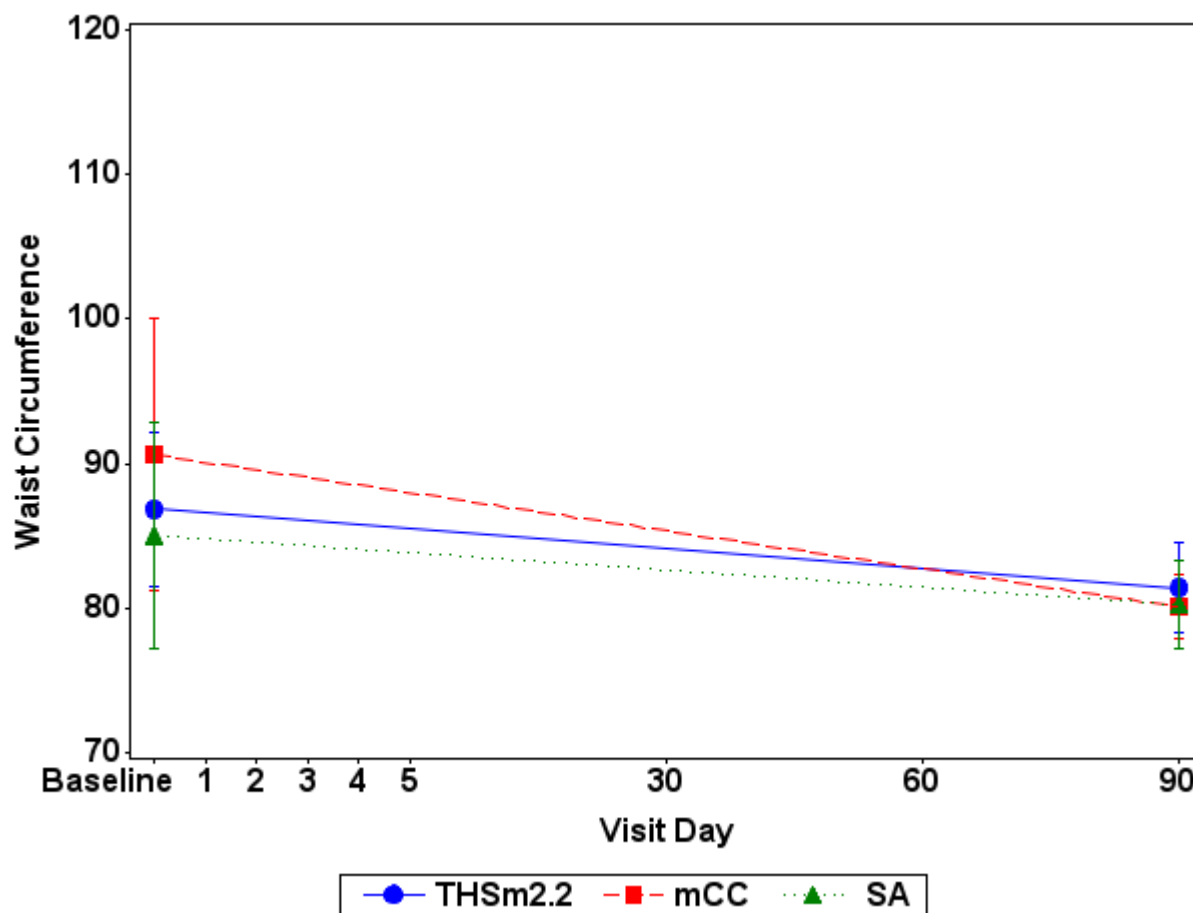
Arithmetic mean:

Triglycerides (mg/dL), Cholesterol (mg/dL), Hemoglobin A1C (%), HDL Cholesterol (mg/dL), LDL Cholesterol (mg/dL), Leukocytes (GI/L), Neutrophils (GI/L), Lymphocytes (GI/L), Monocytes (GI/L), Eosinophils (GI/L), Basophils (GI/L), Systolic Blood Pressure, Diastolic Blood Pressure, Weight, Waist Circumference

Appendix: 15.2.4.xx.2, with xx in 26 to 33

Study ID: ZRHM-REXA-07-JP

Program: f1501020302-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 22 of 23

**Figure 15.1.2.3.2 Risk Markers Mean and 95% CI - FAS**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the PP Set for Period 1.

Geometric mean:

Prostaglandin F2 Alpha (pg/mg creat), 11-Dehydro-Thromboxane B2 (pg/mg creat), Interleukin Adhesion Molecule 1 (ng/mL), Glucose (mg/dL), C Reactive Protein (mg/L), Homocysteine (umol/L), Fibrinogen (mg/dL), Platelets (GI/L)

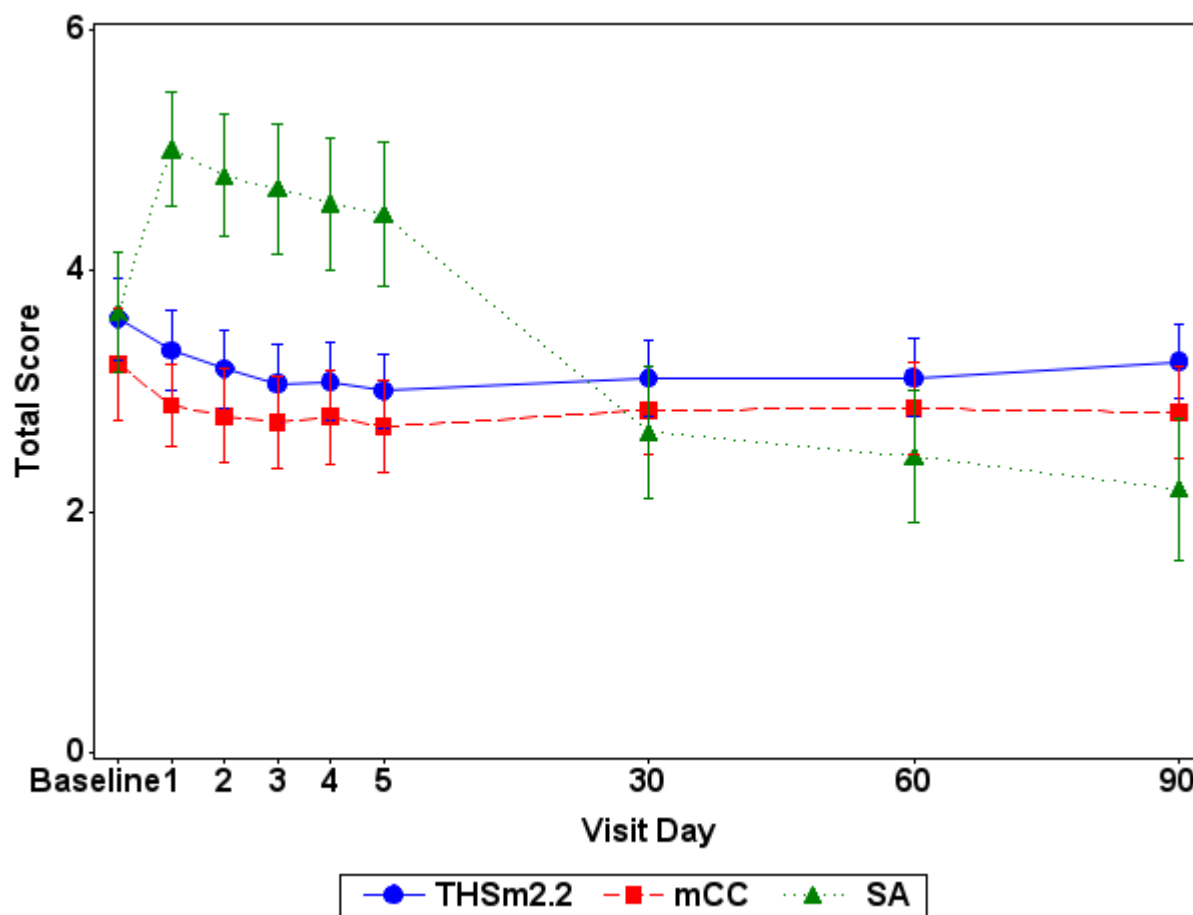
Arithmetic mean:

Triglycerides (mg/dL), Cholesterol (mg/dL), Hemoglobin A1C (%), HDL Cholesterol (mg/dL), LDL Cholesterol (mg/dL), Leukocytes (GI/L), Neutrophils (GI/L), Lymphocytes (GI/L), Monocytes (GI/L), Eosinophils (GI/L), Basophils (GI/L), Systolic Blood Pressure, Diastolic Blood Pressure, Weight, Waist Circumference

Appendix: 15.2.4.xx.2, with xx in 26 to 33

Study ID: ZRHM-REXA-07-JP

Program: f1501020302-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 23 of 23

**Figure 15.1.2.4.1 QSU-brief Total Scores Arithmetic Mean and 95% CI - PP Set**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

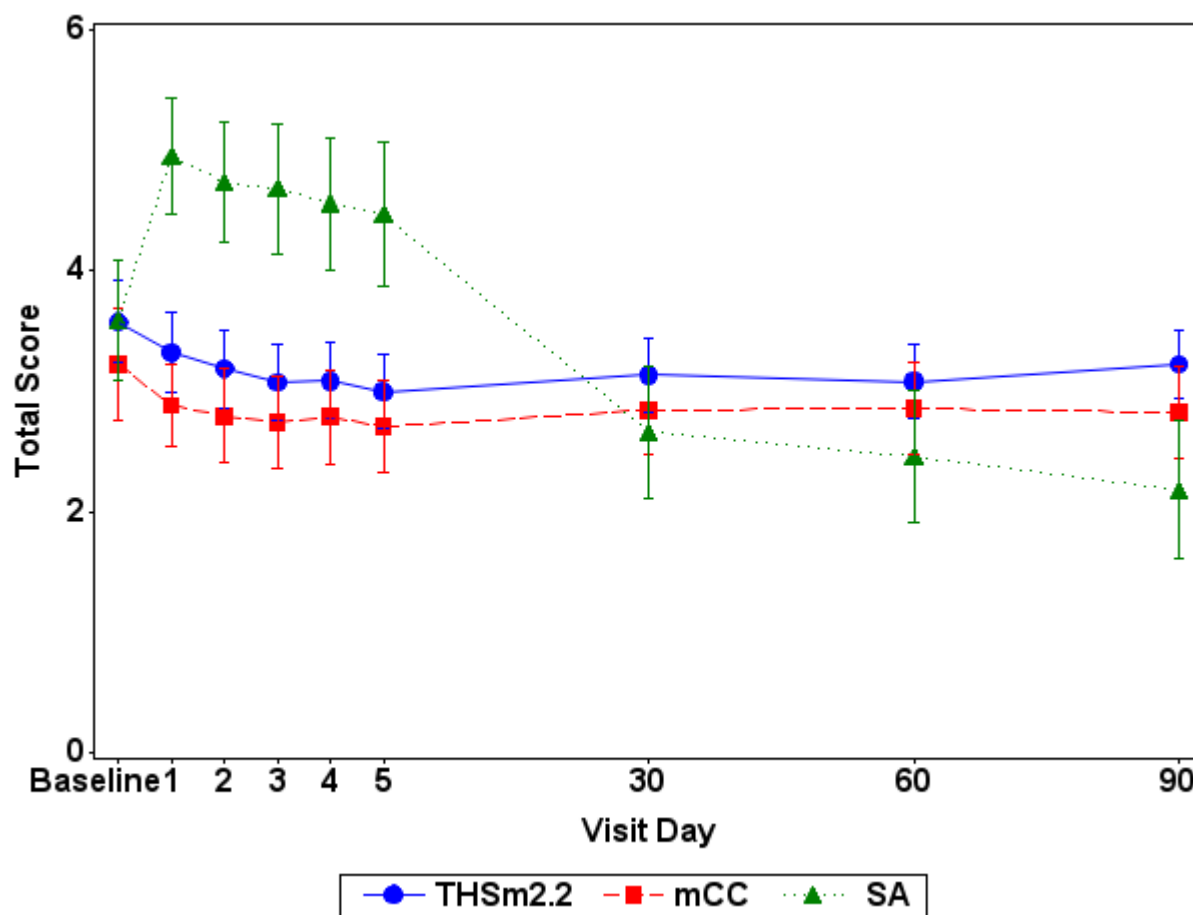
Baseline is summarized using the baseline data from the PP Set for Period 1.

Note: QSU-brief scores reported on a 7-point scale. Higher values indicate greater intensity of urge.

Appendix: 15.2.4.35.1

Study ID: ZRHM-REXA-07-JP

Program: f1501020401-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 1 of 1

**Figure 15.1.2.4.2 QSU-brief Total Scores Arithmetic Mean and 95% CI - FAS**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Note: QSU-brief scores reported on a 7-point scale. Higher values indicate greater intensity of urge.

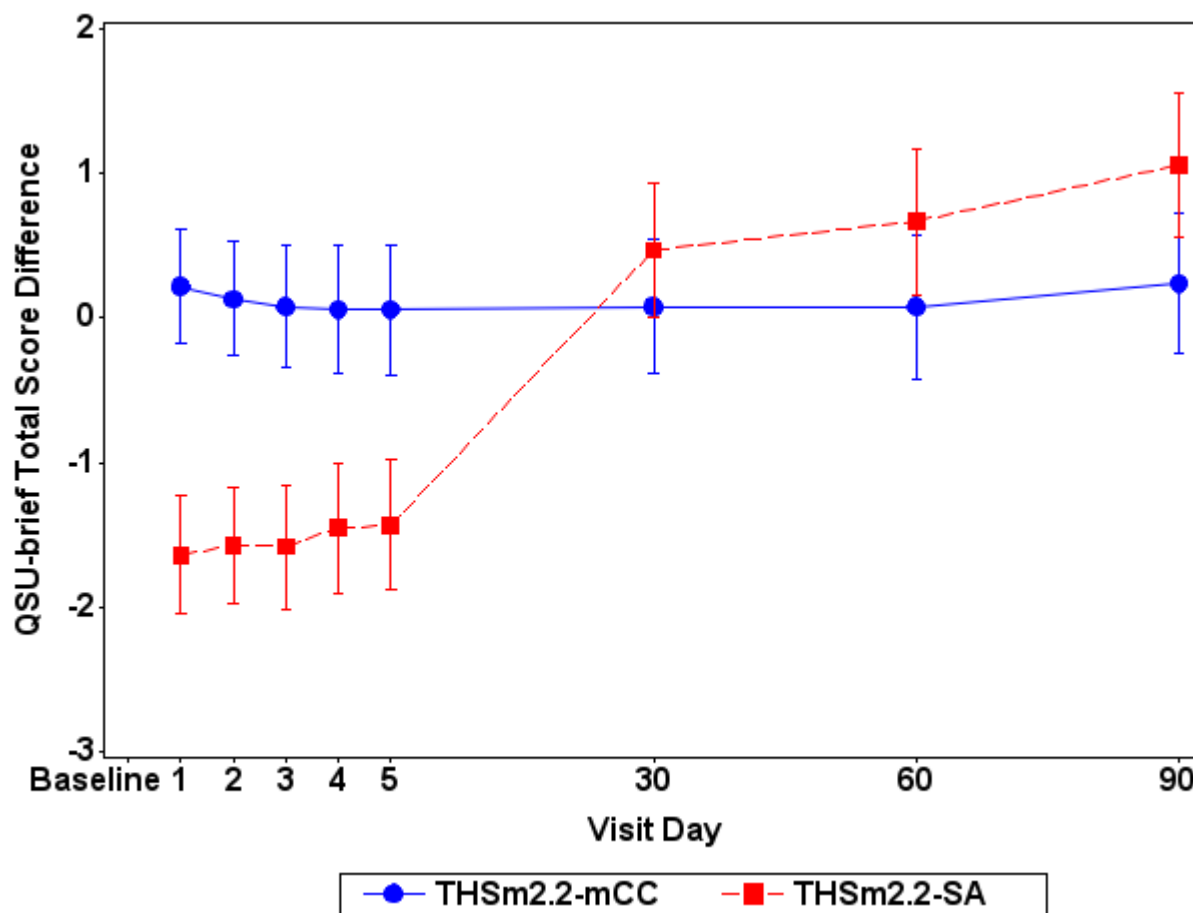
Appendix: 15.2.4.35.2

Study ID: ZRHM-REXA-07-JP

Program: f1501020402-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 1 of 1



Figure 15.1.2.5.1 QSU-brief Total Scores Least Squares Means Differences and 95% CI - PP Set



Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Note: QSU-brief scores reported on a 7-point scale. Higher values indicate greater intensity of urge.

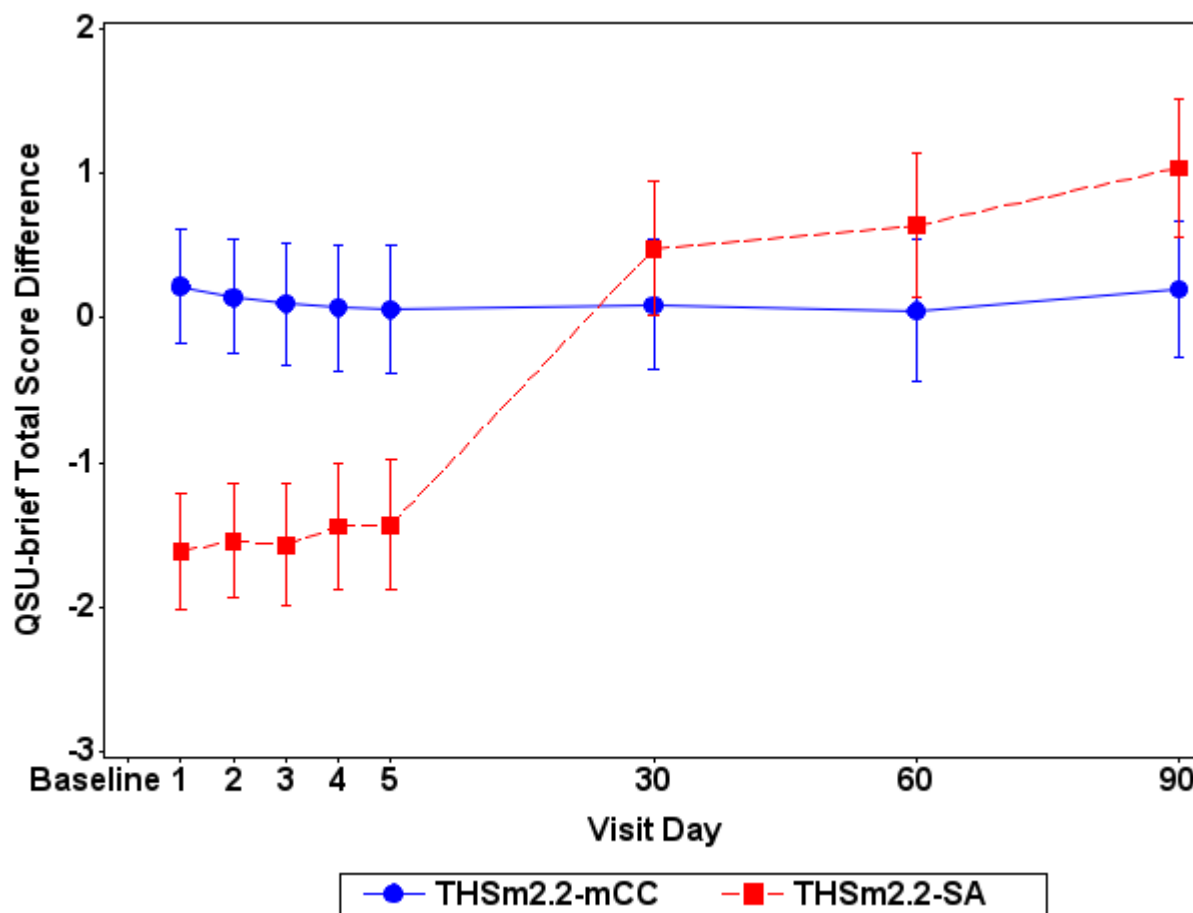
Appendix: 15.2.4.36.1

Study ID: ZRHM-REXA-07-JP

Program: f1501020501-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 1 of 1



Figure 15.1.2.5.2 QSU-brief Total Scores Least Squares Means Differences and 95% CI - FAS



Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

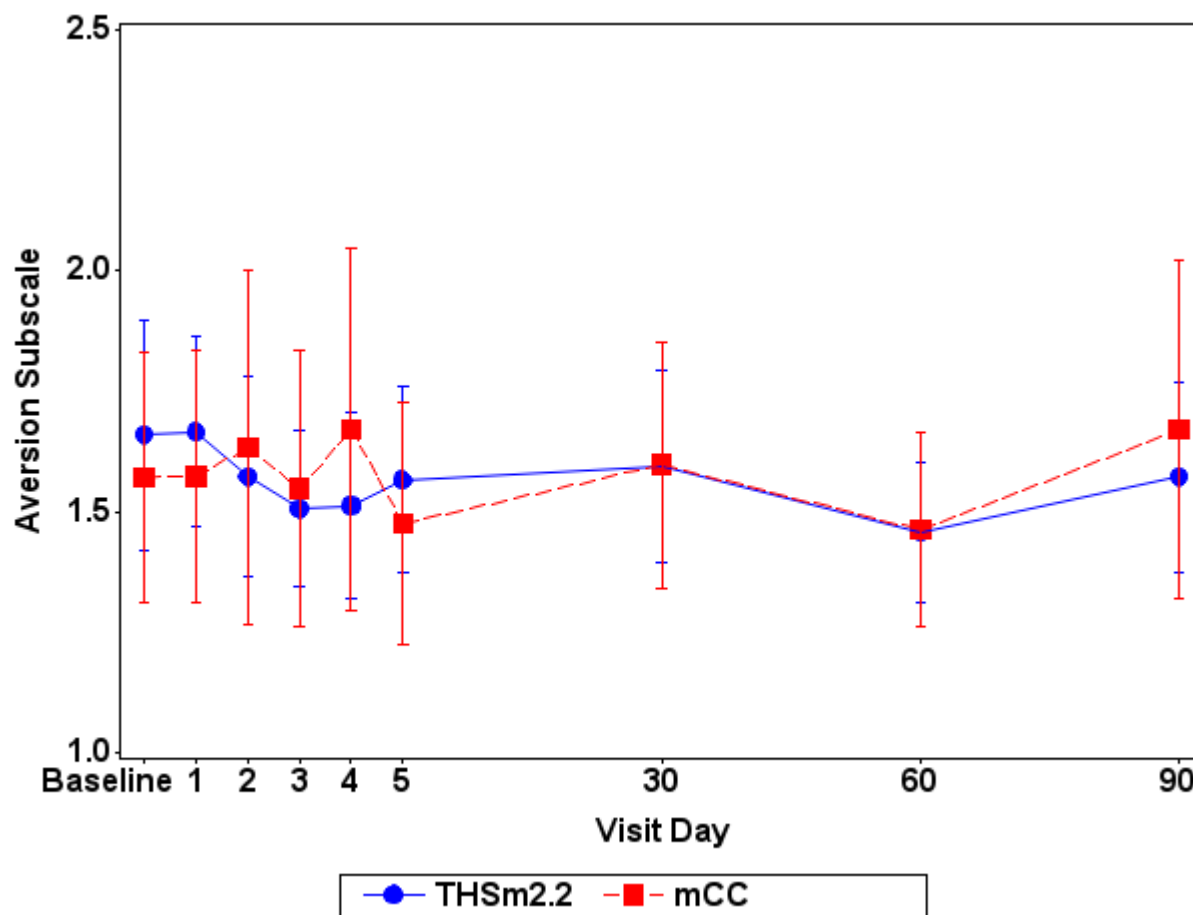
Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Note: QSU-brief scores reported on a 7-point scale. Higher values indicate greater intensity of urge.

Appendix: 15.2.4.36.2

Study ID: ZRHM-REXA-07-JP

Program: f1501020502-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 1 of 1

**Figure 15.1.2.6.1 MCEQ Subscales Arithmetic Mean and 95% CI - PP Set**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

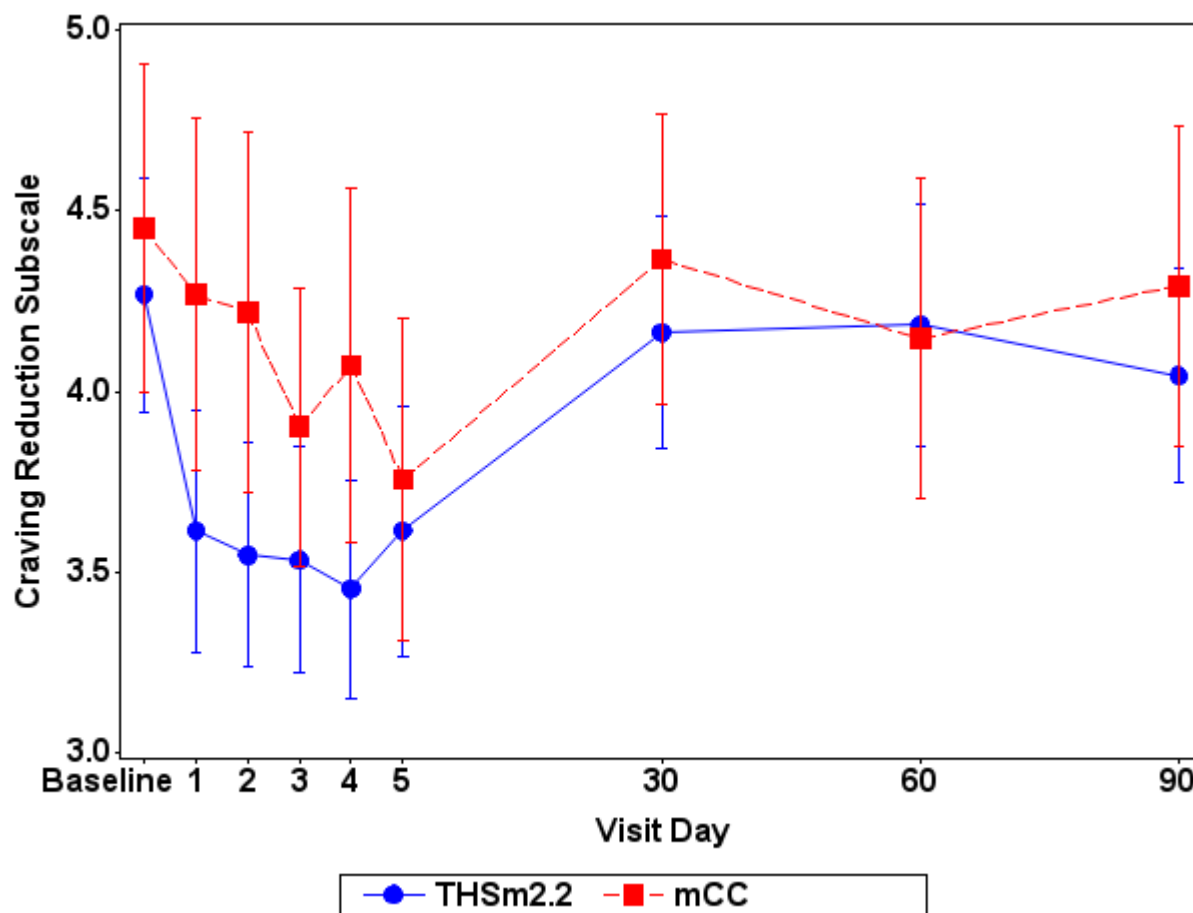
Baseline is summarized using the baseline data from the PP Set for Period 1.

Note: Scores of MCEQ subscales are reported on a 7-point scale. Higher scores indicate greater intensity on that scale.

Appendix: 15.2.4.37.1

Study ID: ZRHM-REXA-07-JP

Program: f1501020601-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 1 of 5

**Figure 15.1.2.6.1 MCEQ Subscales Arithmetic Mean and 95% CI - PP Set**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

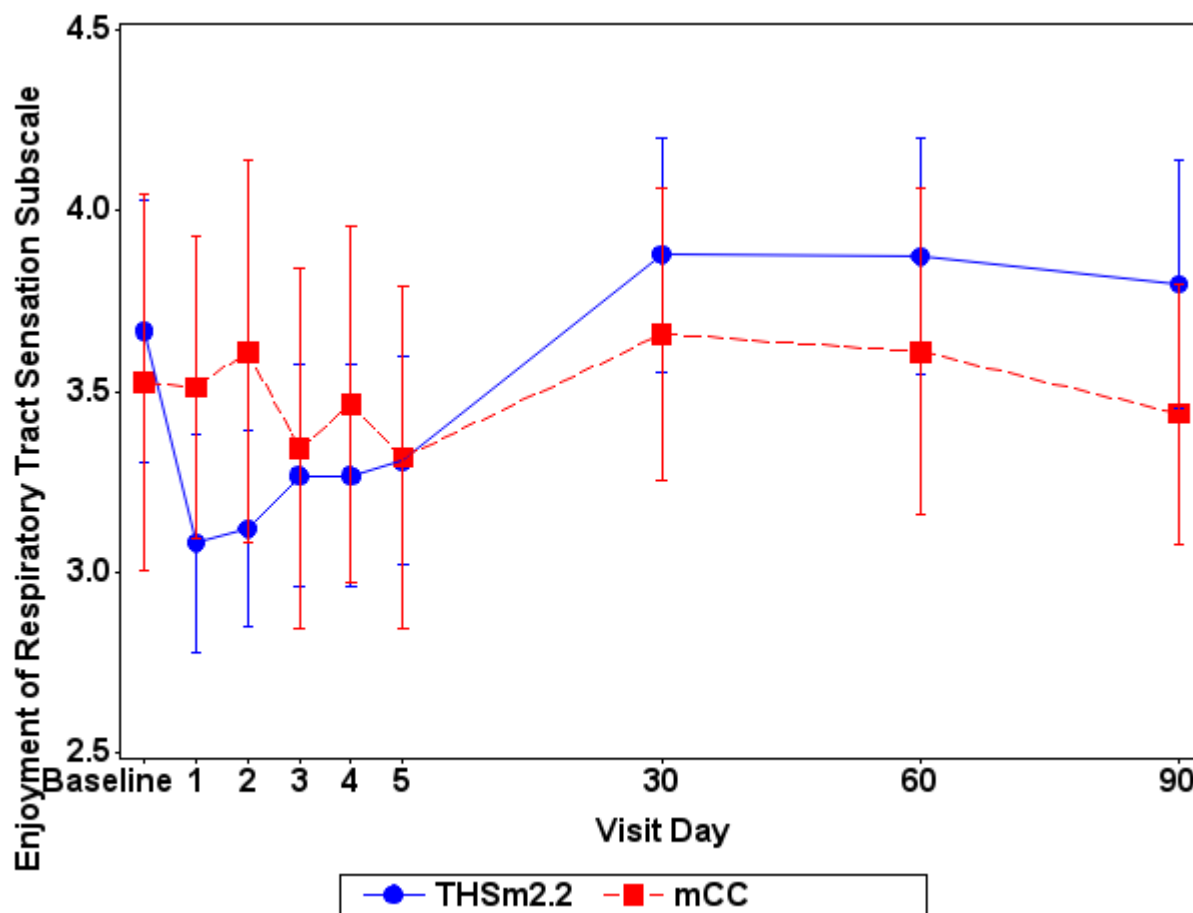
Baseline is summarized using the baseline data from the PP Set for Period 1.

Note: Scores of MCEQ subscales are reported on a 7-point scale. Higher scores indicate greater intensity on that scale.

Appendix: 15.2.4.37.1

Study ID: ZRHM-REXA-07-JP

Program: f1501020601-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 2 of 5

**Figure 15.1.2.6.1 MCEQ Subscales Arithmetic Mean and 95% CI - PP Set**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

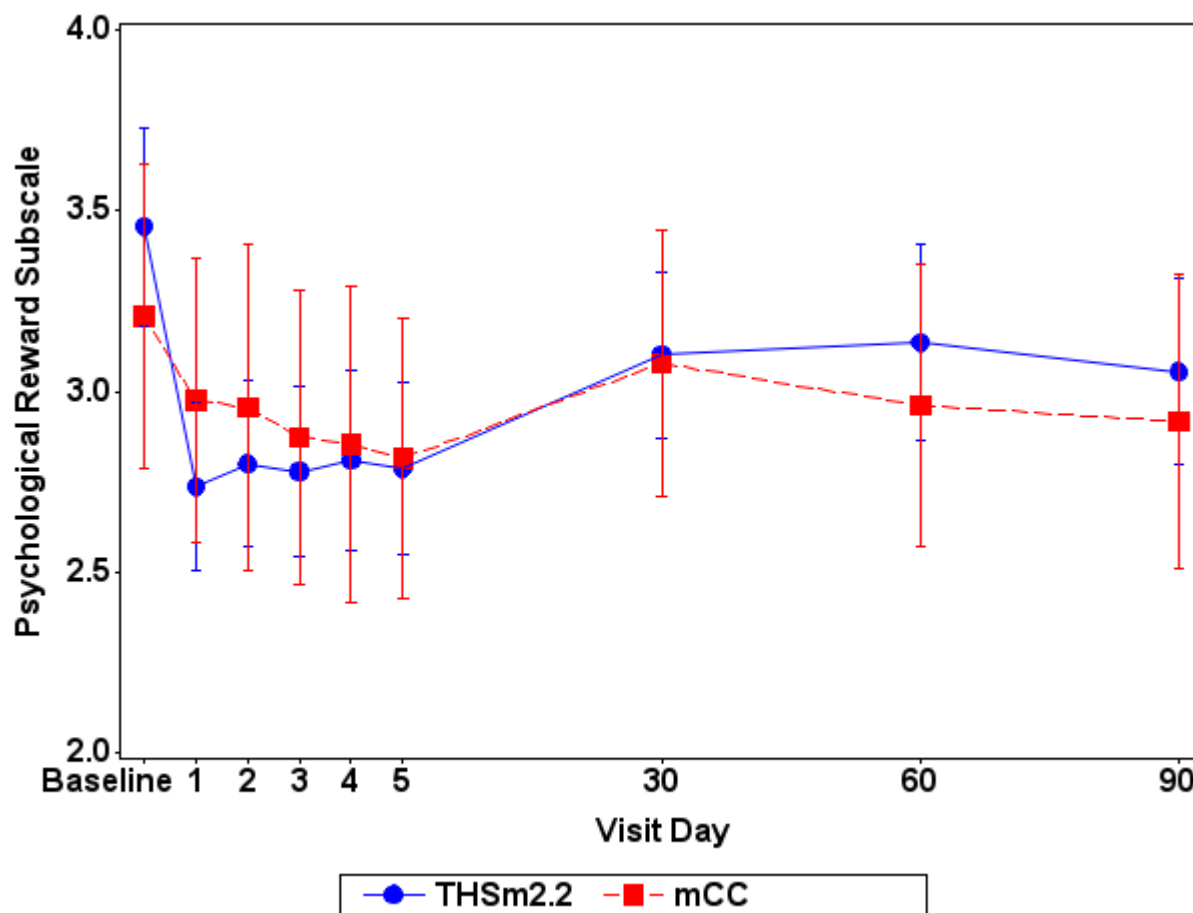
Baseline is summarized using the baseline data from the PP Set for Period 1.

Note: Scores of MCEQ subscales are reported on a 7-point scale. Higher scores indicate greater intensity on that scale.

Appendix: 15.2.4.37.1

Study ID: ZRHM-REXA-07-JP

Program: f1501020601-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 3 of 5

**Figure 15.1.2.6.1 MCEQ Subscales Arithmetic Mean and 95% CI - PP Set**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

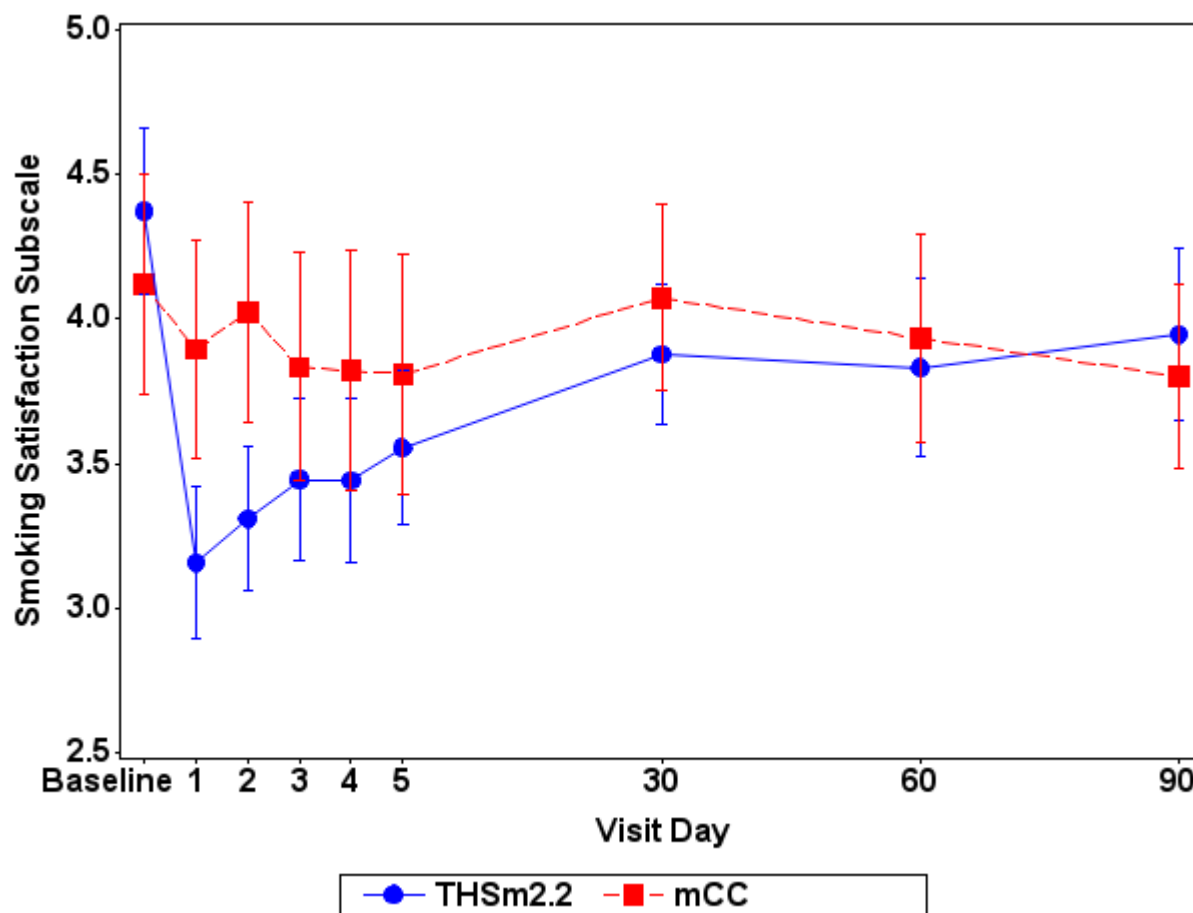
Baseline is summarized using the baseline data from the PP Set for Period 1.

Note: Scores of MCEQ subscales are reported on a 7-point scale. Higher scores indicate greater intensity on that scale.

Appendix: 15.2.4.37.1

Study ID: ZRHM-REXA-07-JP

Program: f1501020601-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 4 of 5

**Figure 15.1.2.6.1 MCEQ Subscales Arithmetic Mean and 95% CI - PP Set**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

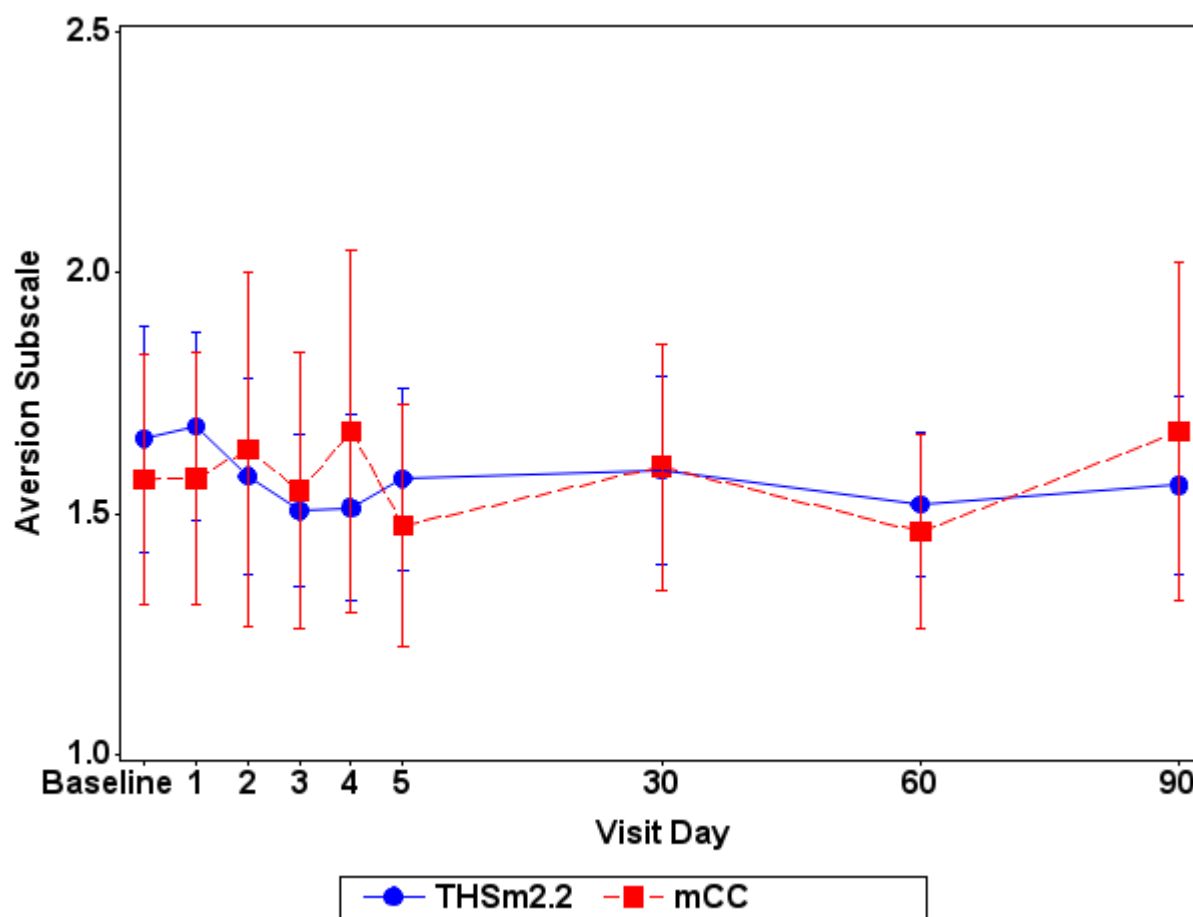
Baseline is summarized using the baseline data from the PP Set for Period 1.

Note: Scores of MCEQ subscales are reported on a 7-point scale. Higher scores indicate greater intensity on that scale.

Appendix: 15.2.4.37.1

Study ID: ZRHM-REXA-07-JP

Program: f1501020601-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 5 of 5

**Figure 15.1.2.6.2 MCEQ Subscales Arithmetic Mean and 95% CI - FAS**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

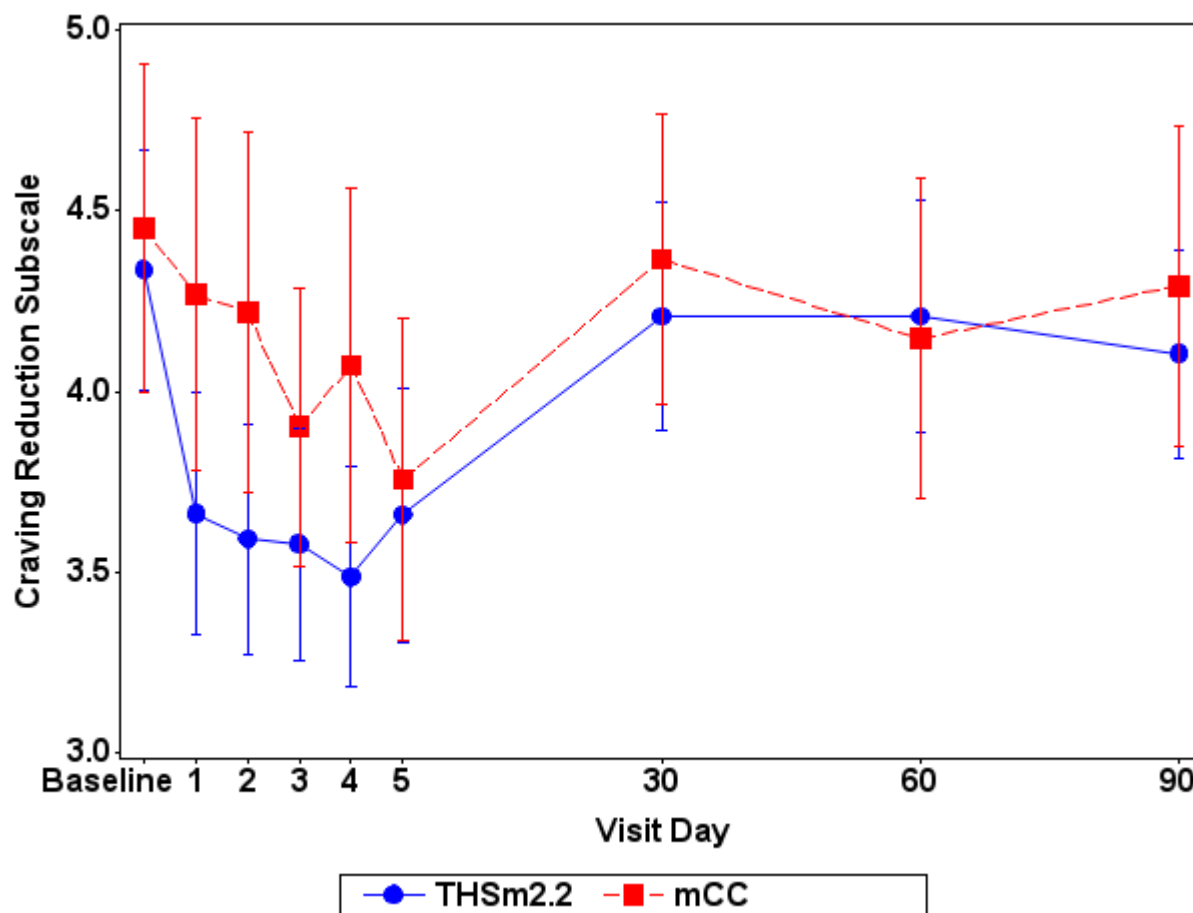
Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Note: Scores of MCEQ subscales are reported on a 7-point scale. Higher scores indicate greater intensity on that scale.

Appendix: 15.2.4.37.2

Study ID: ZRHM-REXA-07-JP

Program: f1501020602-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 1 of 5

**Figure 15.1.2.6.2 MCEQ Subscales Arithmetic Mean and 95% CI - FAS**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

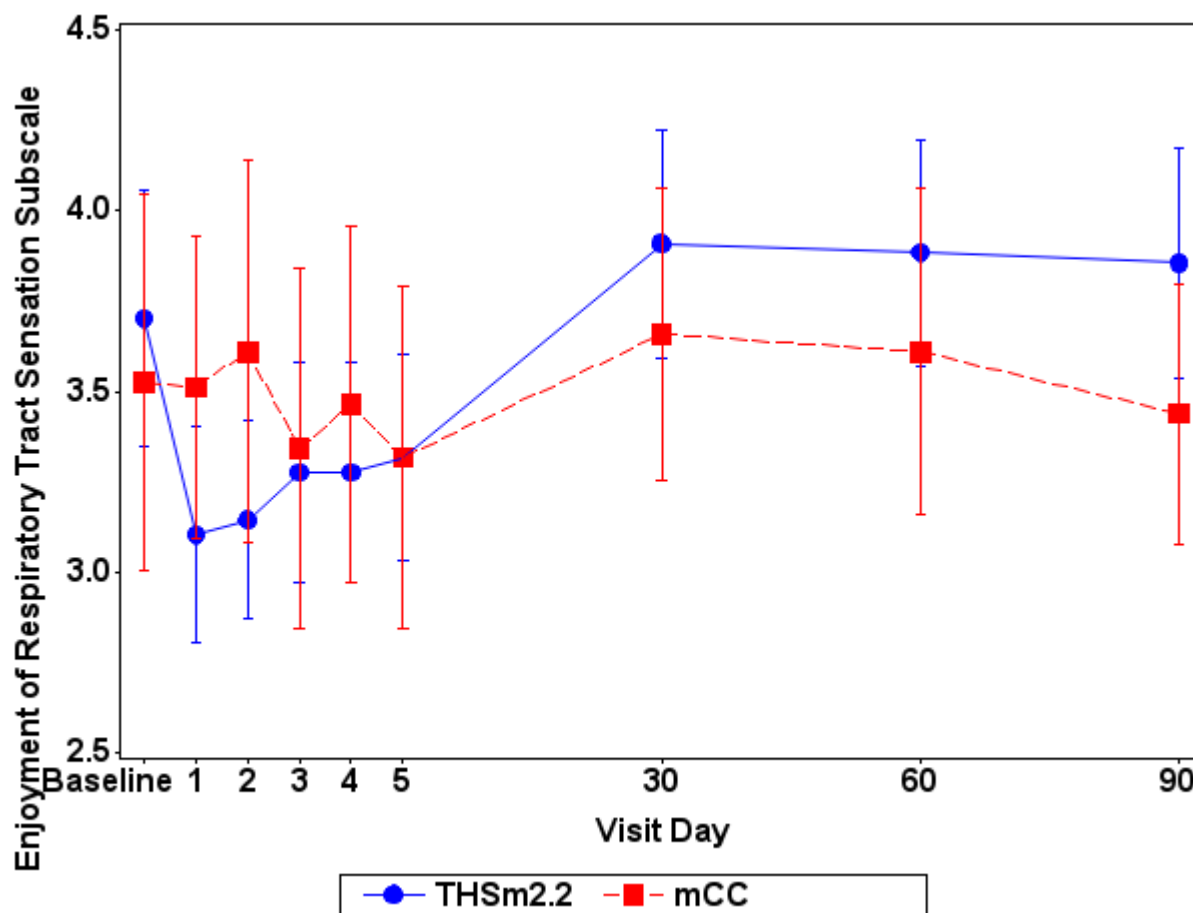
Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Note: Scores of MCEQ subscales are reported on a 7-point scale. Higher scores indicate greater intensity on that scale.

Appendix: 15.2.4.37.2

Study ID: ZRHM-REXA-07-JP

Program: f1501020602-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 2 of 5

**Figure 15.1.2.6.2 MCEQ Subscales Arithmetic Mean and 95% CI - FAS**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

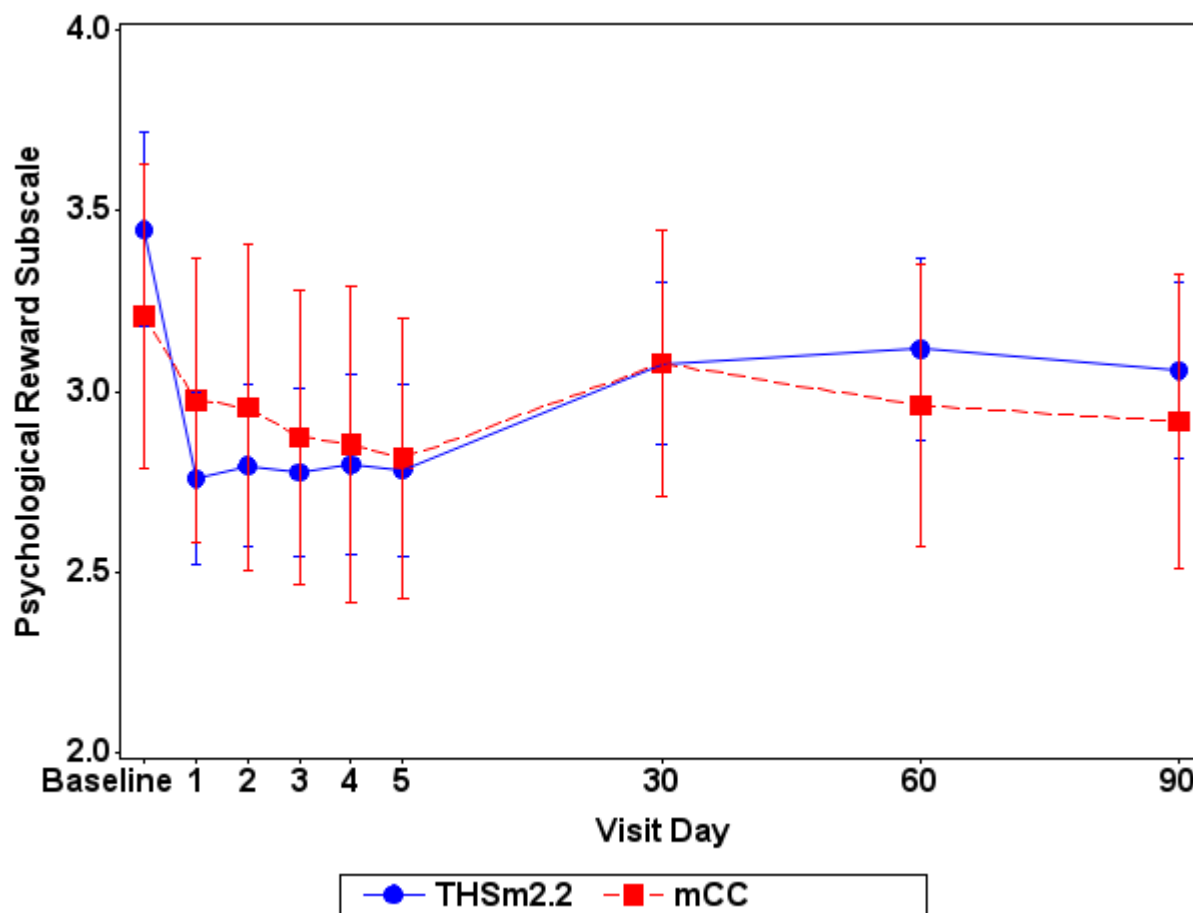
Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Note: Scores of MCEQ subscales are reported on a 7-point scale. Higher scores indicate greater intensity on that scale.

Appendix: 15.2.4.37.2

Study ID: ZRHM-REXA-07-JP

Program: f1501020602-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 3 of 5

**Figure 15.1.2.6.2 MCEQ Subscales Arithmetic Mean and 95% CI - FAS**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

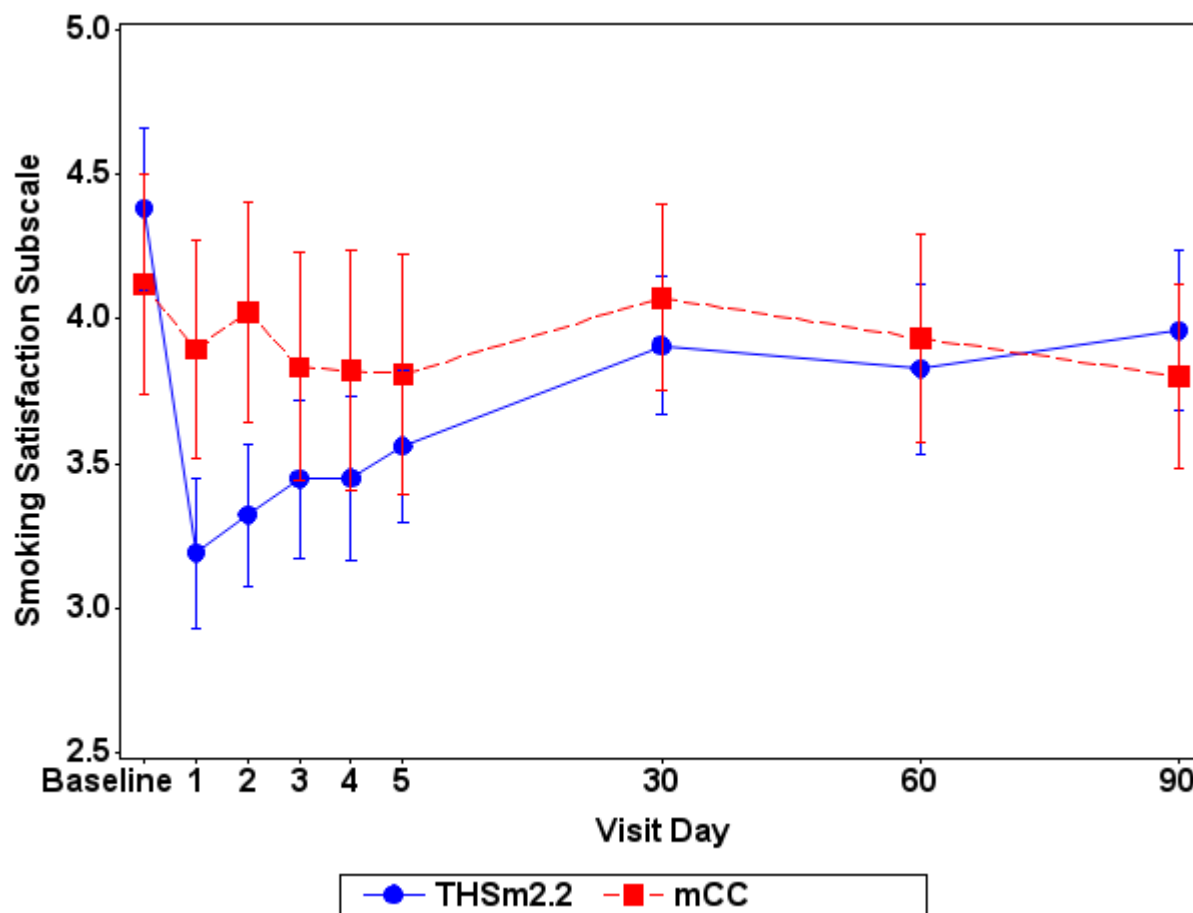
Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Note: Scores of MCEQ subscales are reported on a 7-point scale. Higher scores indicate greater intensity on that scale.

Appendix: 15.2.4.37.2

Study ID: ZRHM-REXA-07-JP

Program: f1501020602-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 4 of 5

**Figure 15.1.2.6.2 MCEQ Subscales Arithmetic Mean and 95% CI - FAS**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Note: Scores of MCEQ subscales are reported on a 7-point scale. Higher scores indicate greater intensity on that scale.

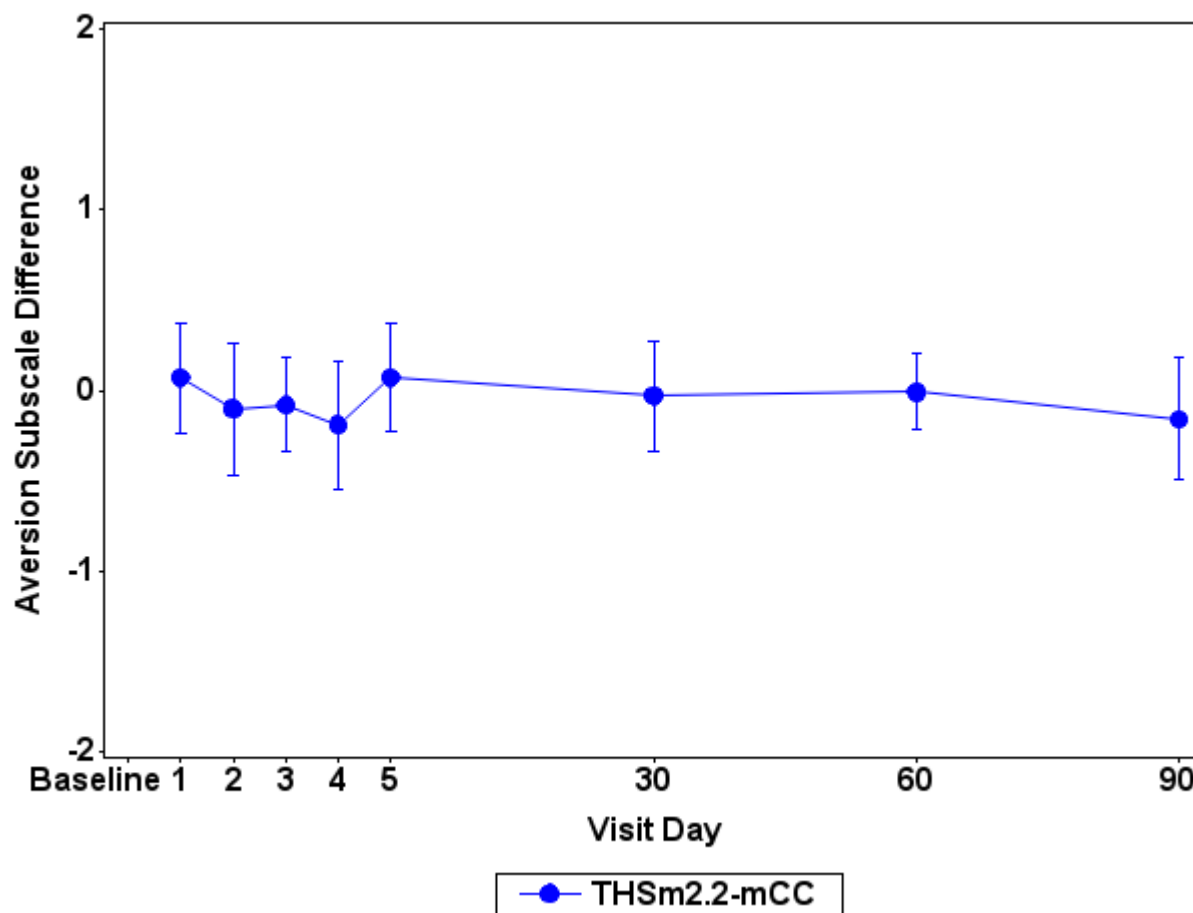
Appendix: 15.2.4.37.2

Study ID: ZRHM-REXA-07-JP

Program: f1501020602-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 5 of 5



Figure 15.1.2.7.1 MCEQ Subscales Least Squares Means Differences and 95% CI - PP Set



Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Note: Scores of MCEQ subscales are reported on a 7-point scale. Higher scores indicate greater intensity on that scale.

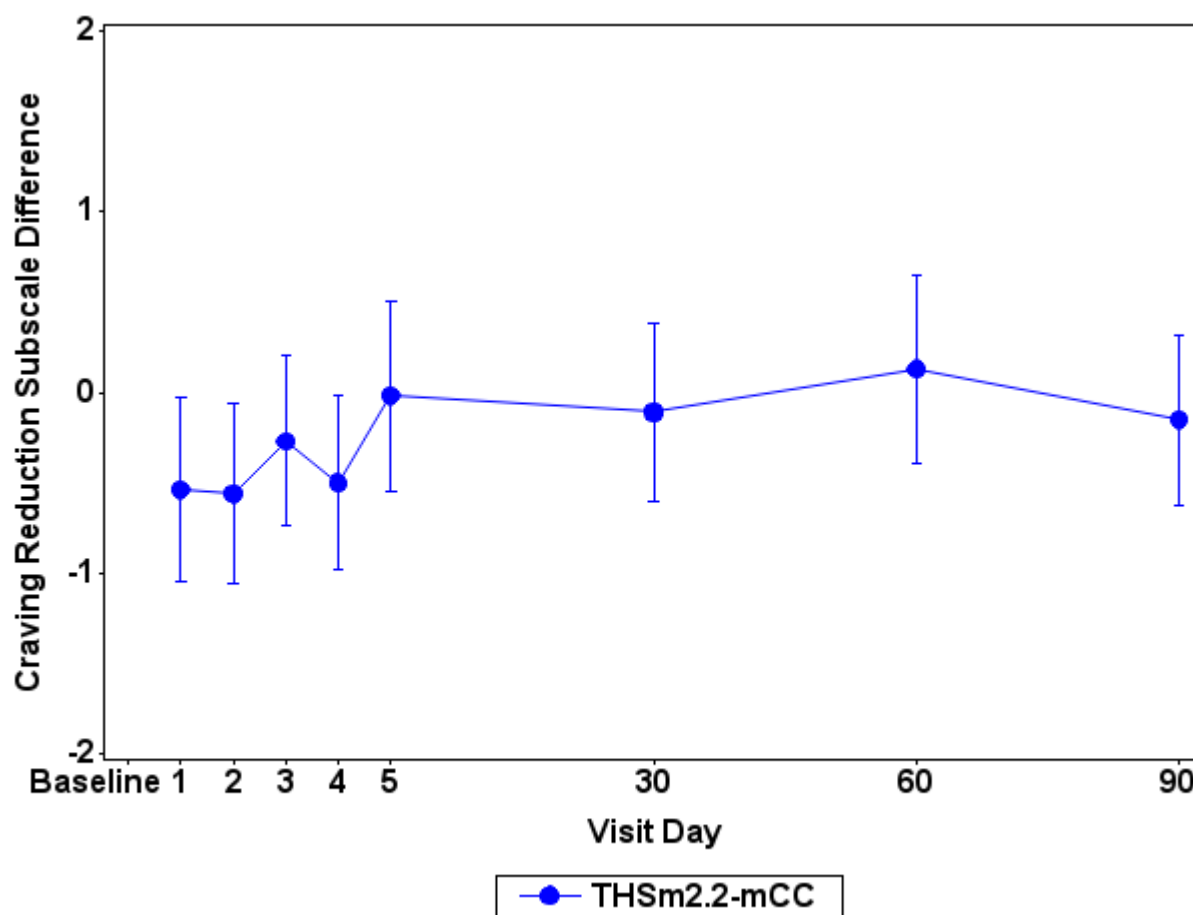
Appendix: 15.2.4.38.1

Study ID: ZRHM-REXA-07-JP

Program: f1501020701-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 1 of 5



Figure 15.1.2.7.1 MCEQ Subscales Least Squares Means Differences and 95% CI - PP Set



Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Note: Scores of MCEQ subscales are reported on a 7-point scale. Higher scores indicate greater intensity on that scale.

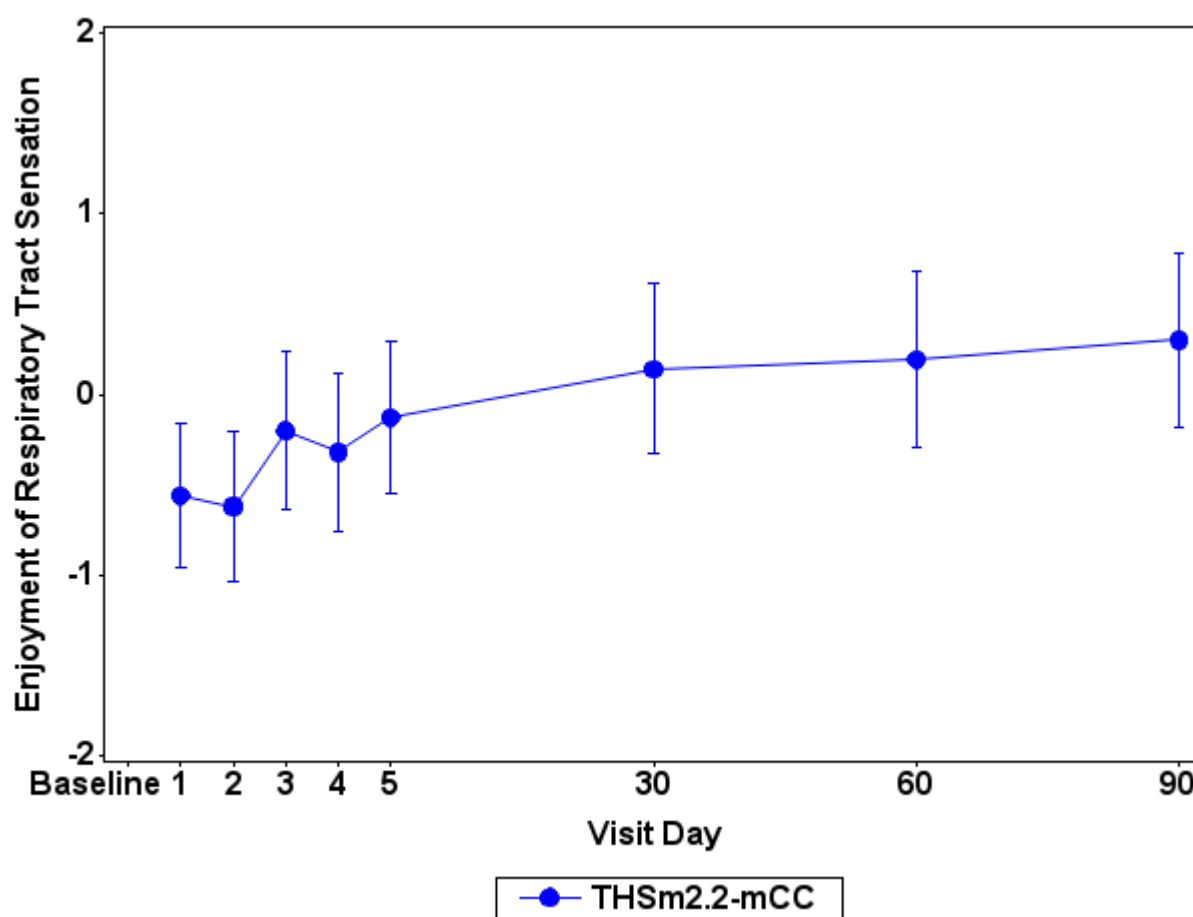
Appendix: 15.2.4.38.1

Study ID: ZRHM-REXA-07-JP

Program: f1501020701-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 2 of 5



Figure 15.1.2.7.1 MCEQ Subscales Least Squares Means Differences and 95% CI - PP Set



Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Note: Scores of MCEQ subscales are reported on a 7-point scale. Higher scores indicate greater intensity on that scale.

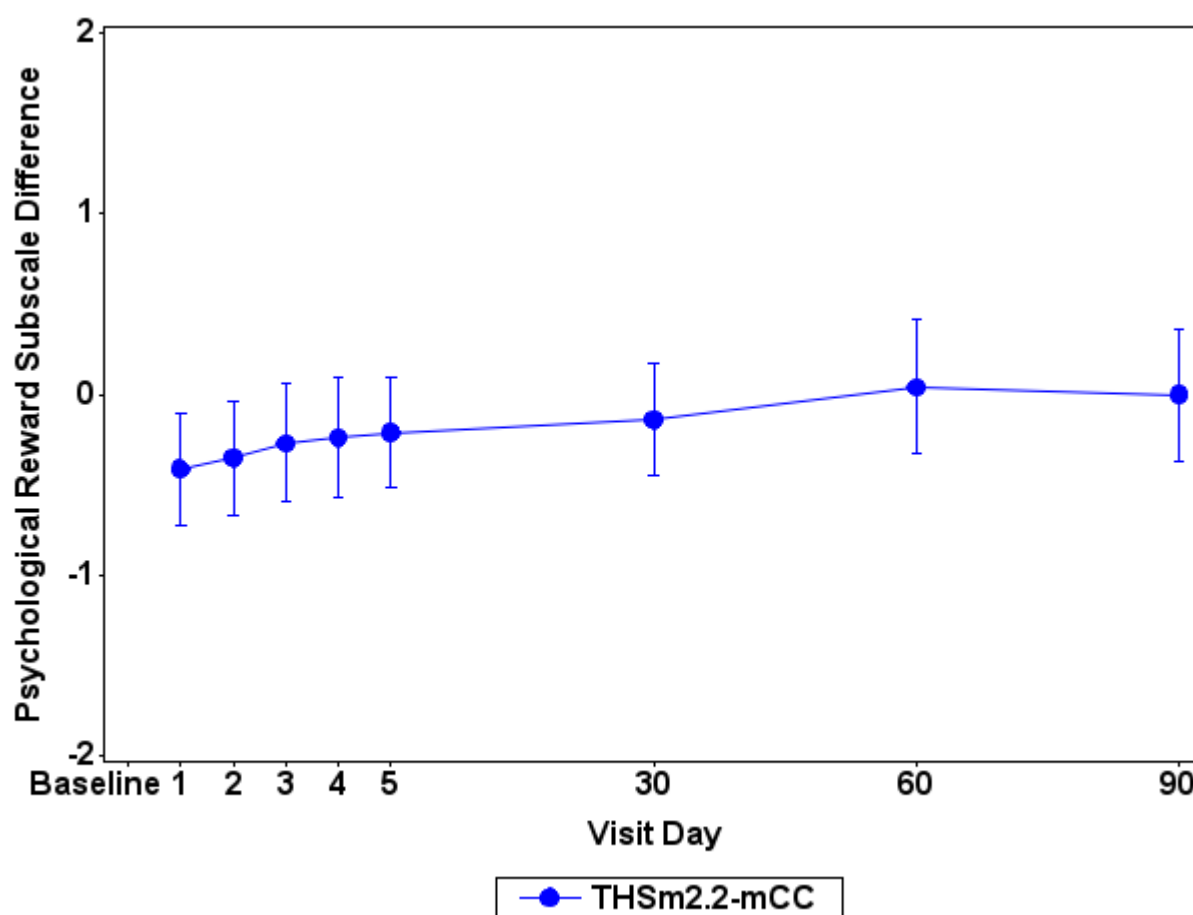
Appendix: 15.2.4.38.1

Study ID: ZRHM-REXA-07-JP

Program: f1501020701-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 3 of 5



Figure 15.1.2.7.1 MCEQ Subscales Least Squares Means Differences and 95% CI - PP Set



Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Note: Scores of MCEQ subscales are reported on a 7-point scale. Higher scores indicate greater intensity on that scale.

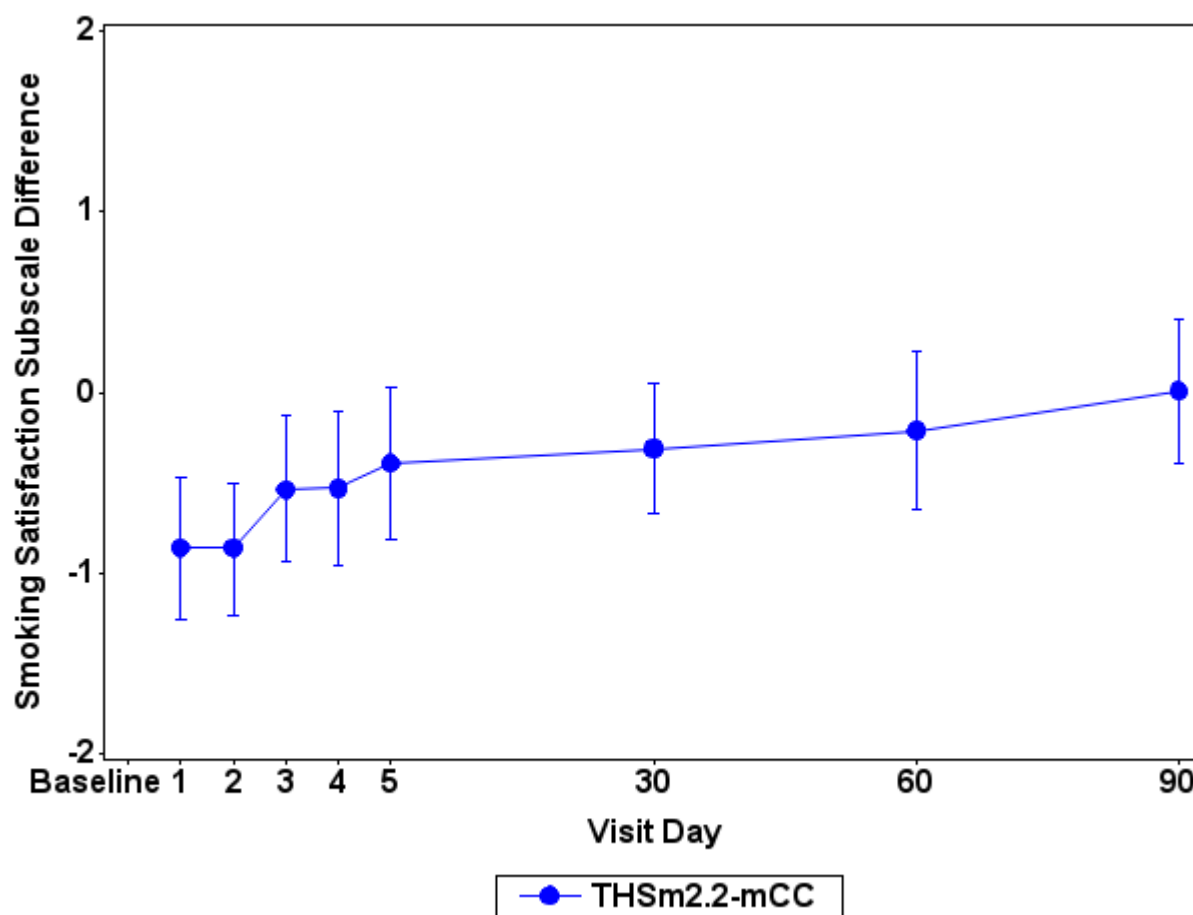
Appendix: 15.2.4.38.1

Study ID: ZRHM-REXA-07-JP

Program: f1501020701-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 4 of 5



Figure 15.1.2.7.1 MCEQ Subscales Least Squares Means Differences and 95% CI - PP Set



Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Note: Scores of MCEQ subscales are reported on a 7-point scale. Higher scores indicate greater intensity on that scale.

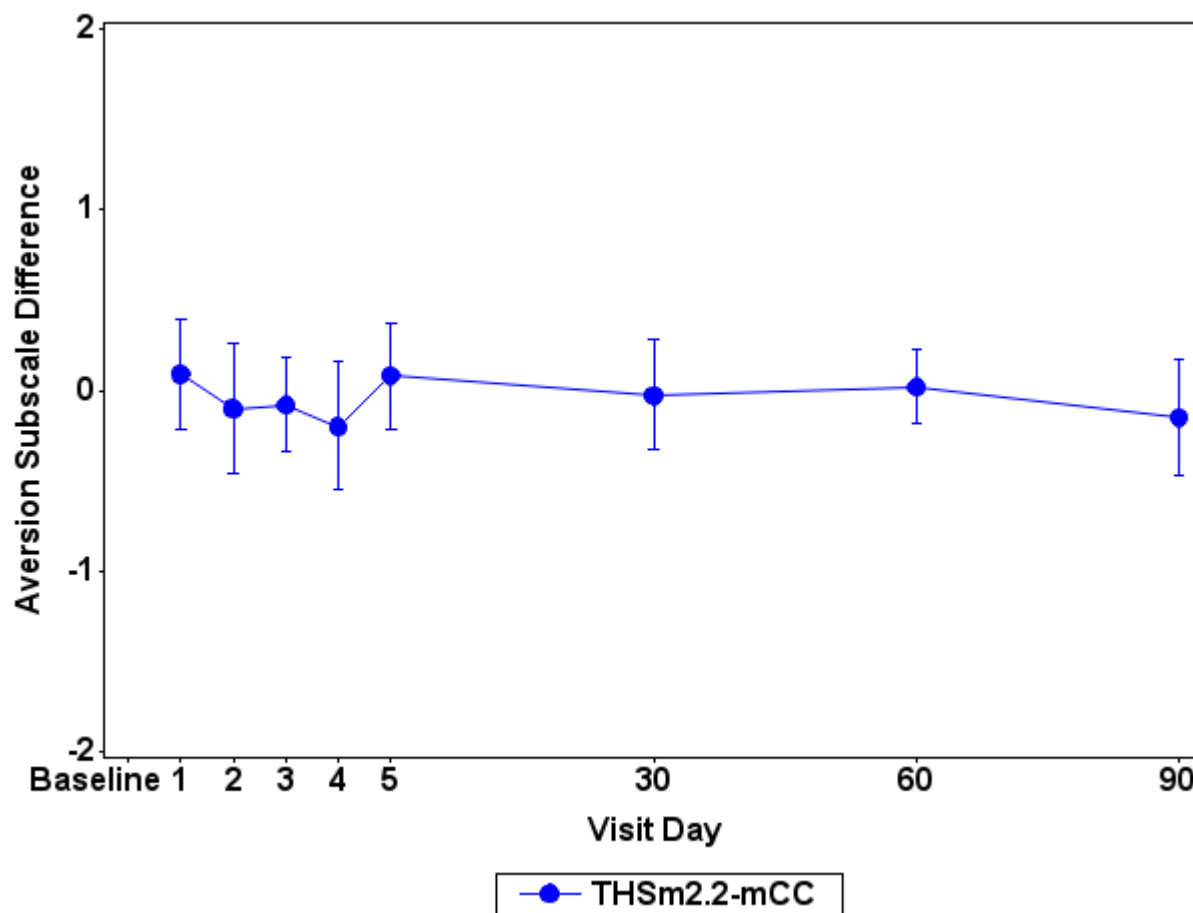
Appendix: 15.2.4.38.1

Study ID: ZRHM-REXA-07-JP

Program: f1501020701-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 5 of 5



Figure 15.1.2.7.2 MCEQ Subscales Least Squares Means Differences and 95% CI - FAS



Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Note: Scores of MCEQ subscales are reported on a 7-point scale. Higher scores indicate greater intensity on that scale.

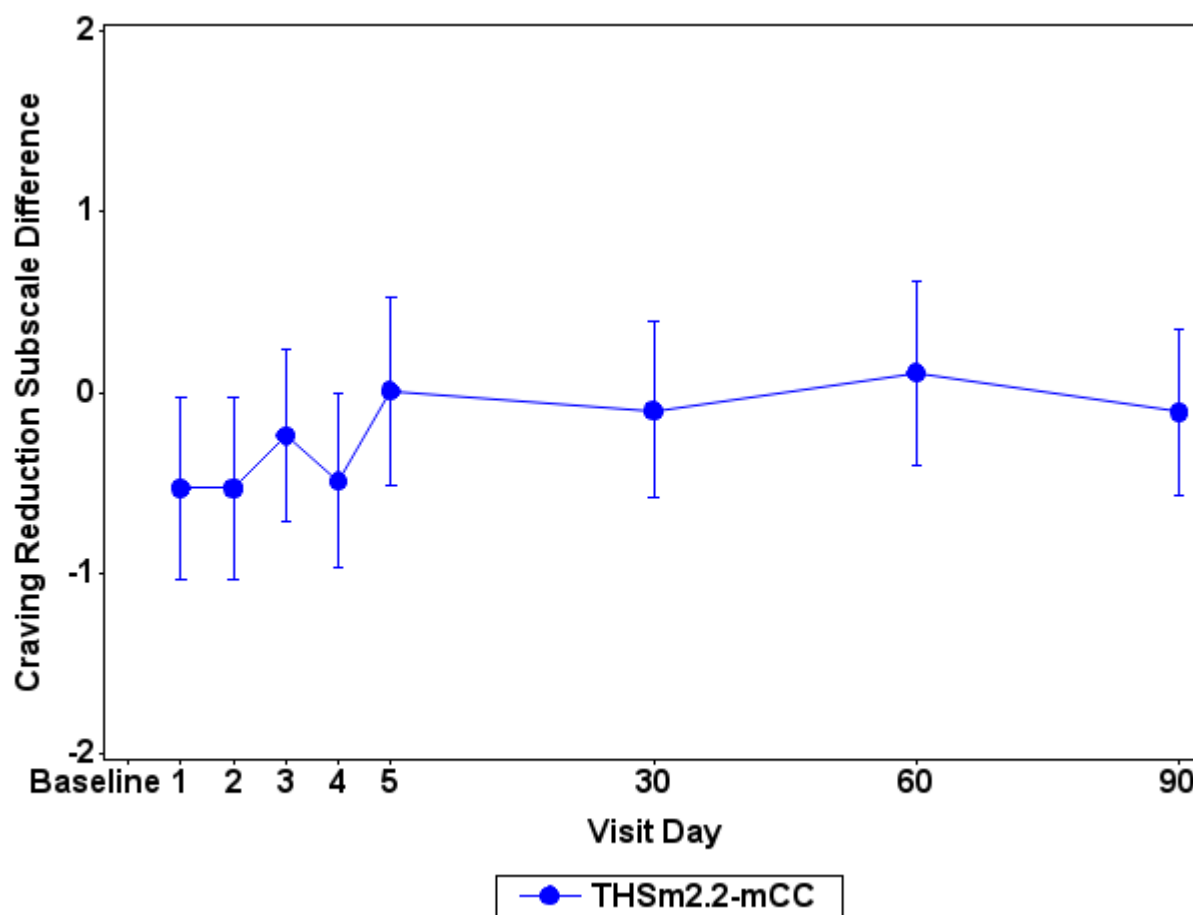
Appendix: 15.2.4.38.2

Study ID: ZRHM-REXA-07-JP

Program: f1501020702-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 1 of 5



Figure 15.1.2.7.2 MCEQ Subscales Least Squares Means Differences and 95% CI - FAS



Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Note: Scores of MCEQ subscales are reported on a 7-point scale. Higher scores indicate greater intensity on that scale.

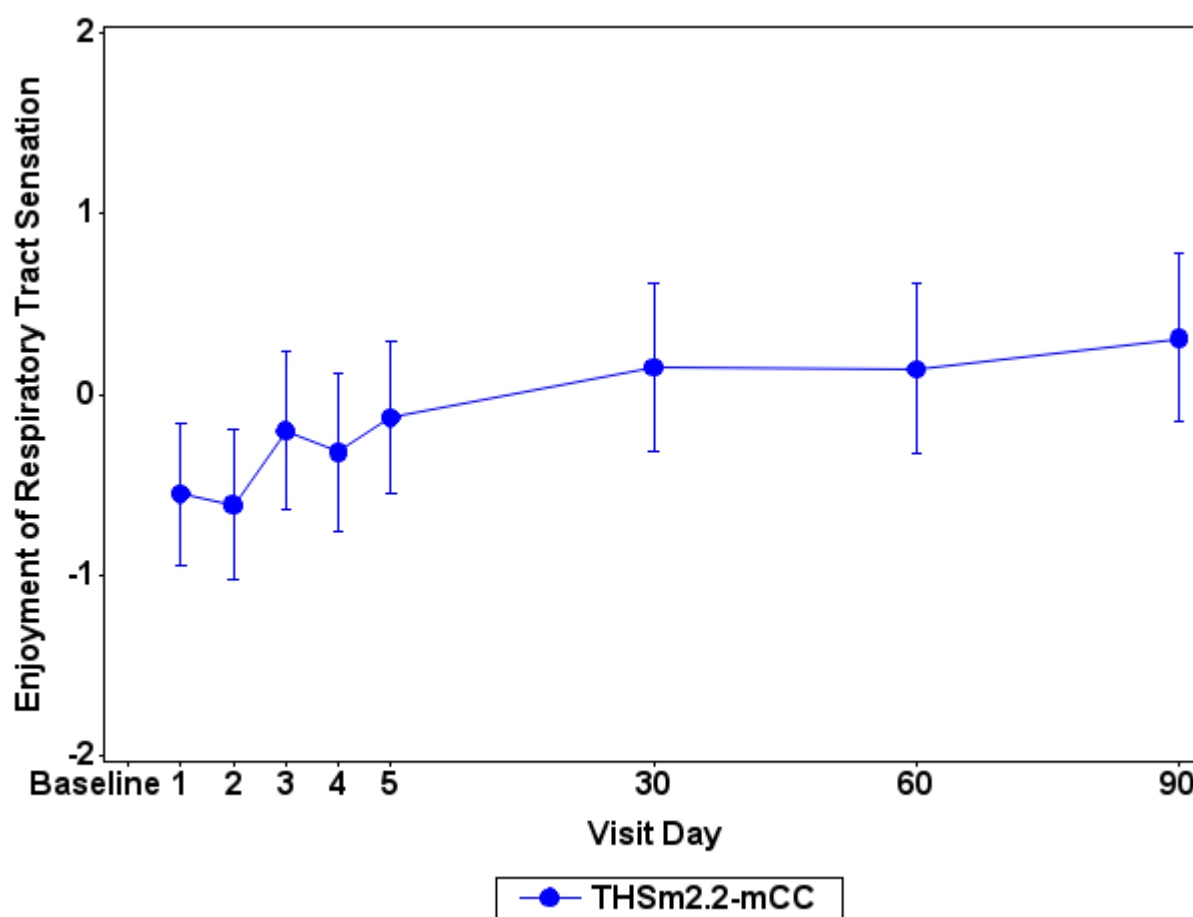
Appendix: 15.2.4.38.2

Study ID: ZRHM-REXA-07-JP

Program: f1501020702-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 2 of 5



Figure 15.1.2.7.2 MCEQ Subscales Least Squares Means Differences and 95% CI - FAS



Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Note: Scores of MCEQ subscales are reported on a 7-point scale. Higher scores indicate greater intensity on that scale.

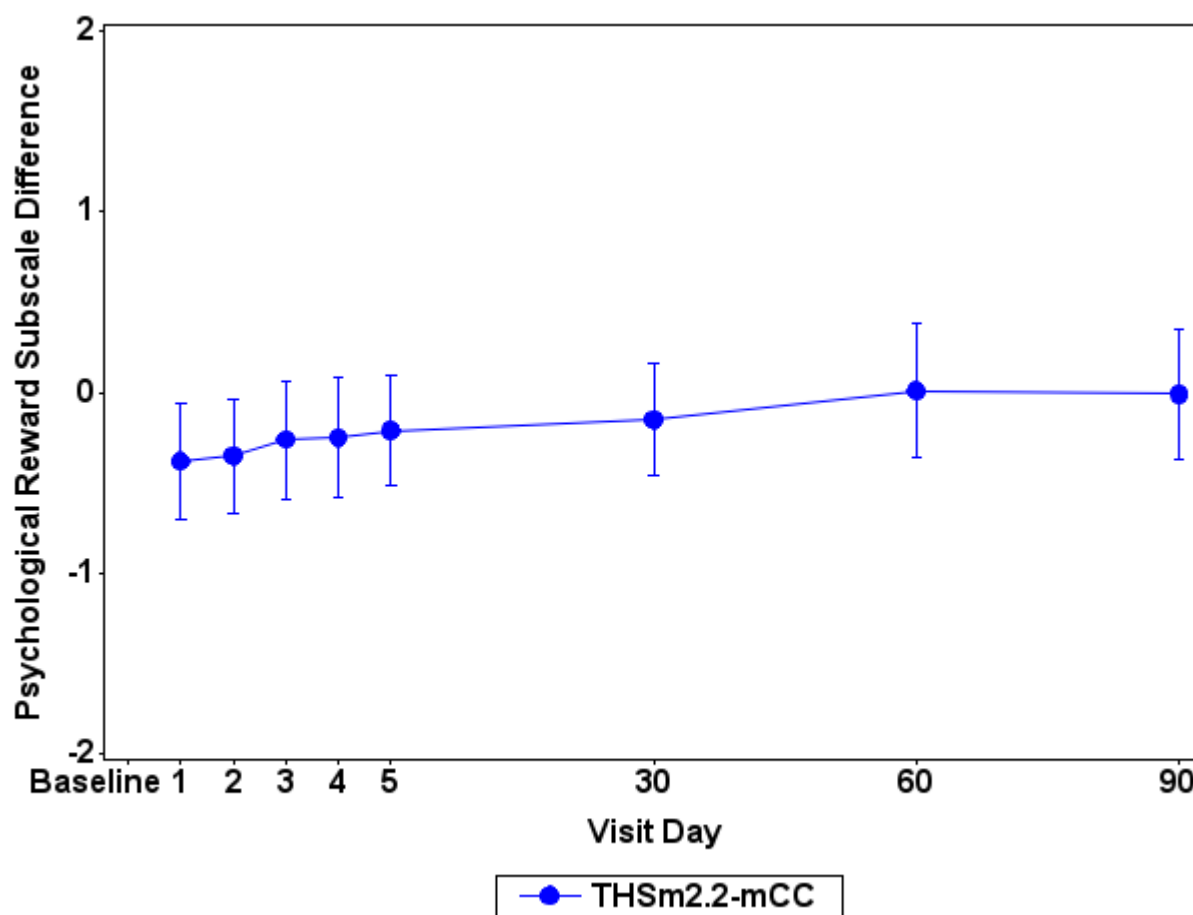
Appendix: 15.2.4.38.2

Study ID: ZRHM-REXA-07-JP

Program: f1501020702-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 3 of 5



Figure 15.1.2.7.2 MCEQ Subscales Least Squares Means Differences and 95% CI - FAS



Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Note: Scores of MCEQ subscales are reported on a 7-point scale. Higher scores indicate greater intensity on that scale.

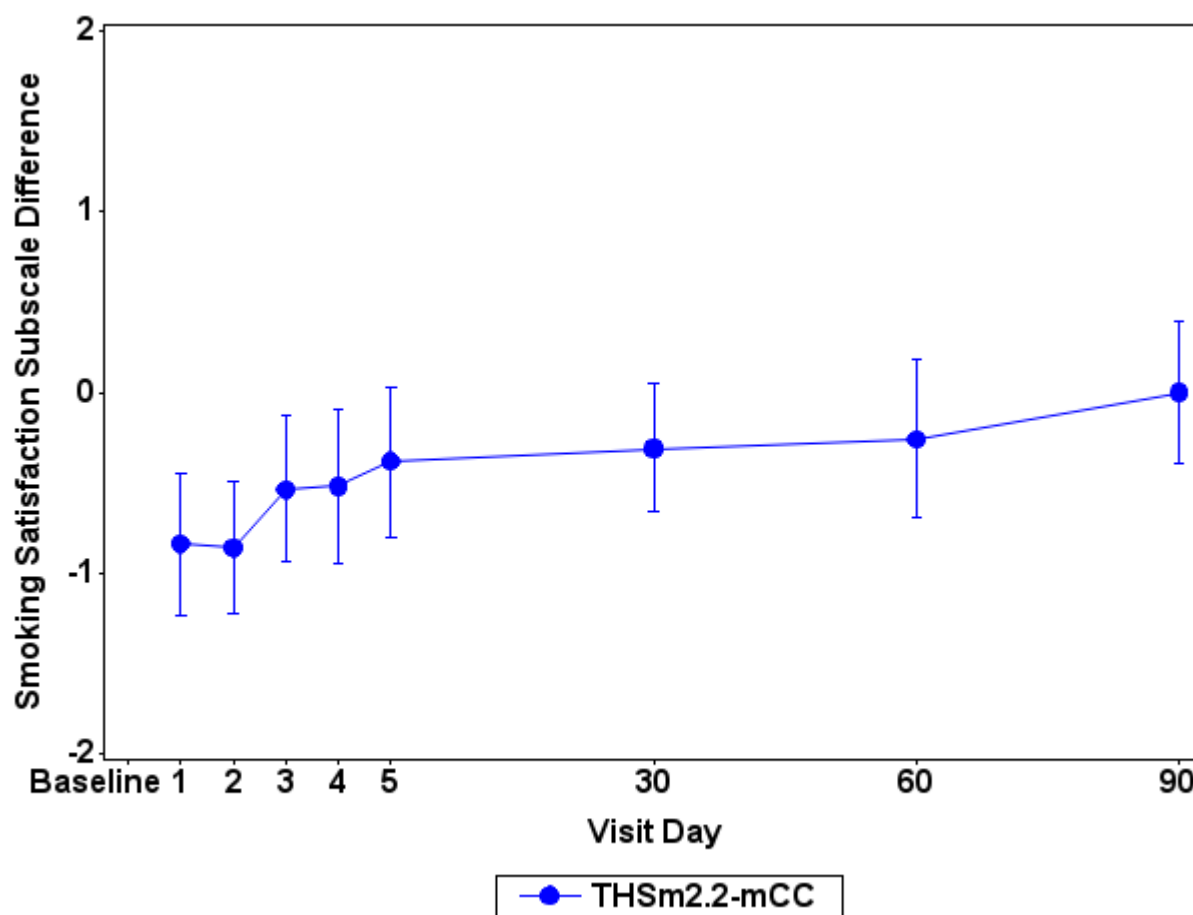
Appendix: 15.2.4.38.2

Study ID: ZRHM-REXA-07-JP

Program: f1501020702-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 4 of 5



Figure 15.1.2.7.2 MCEQ Subscales Least Squares Means Differences and 95% CI - FAS



Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

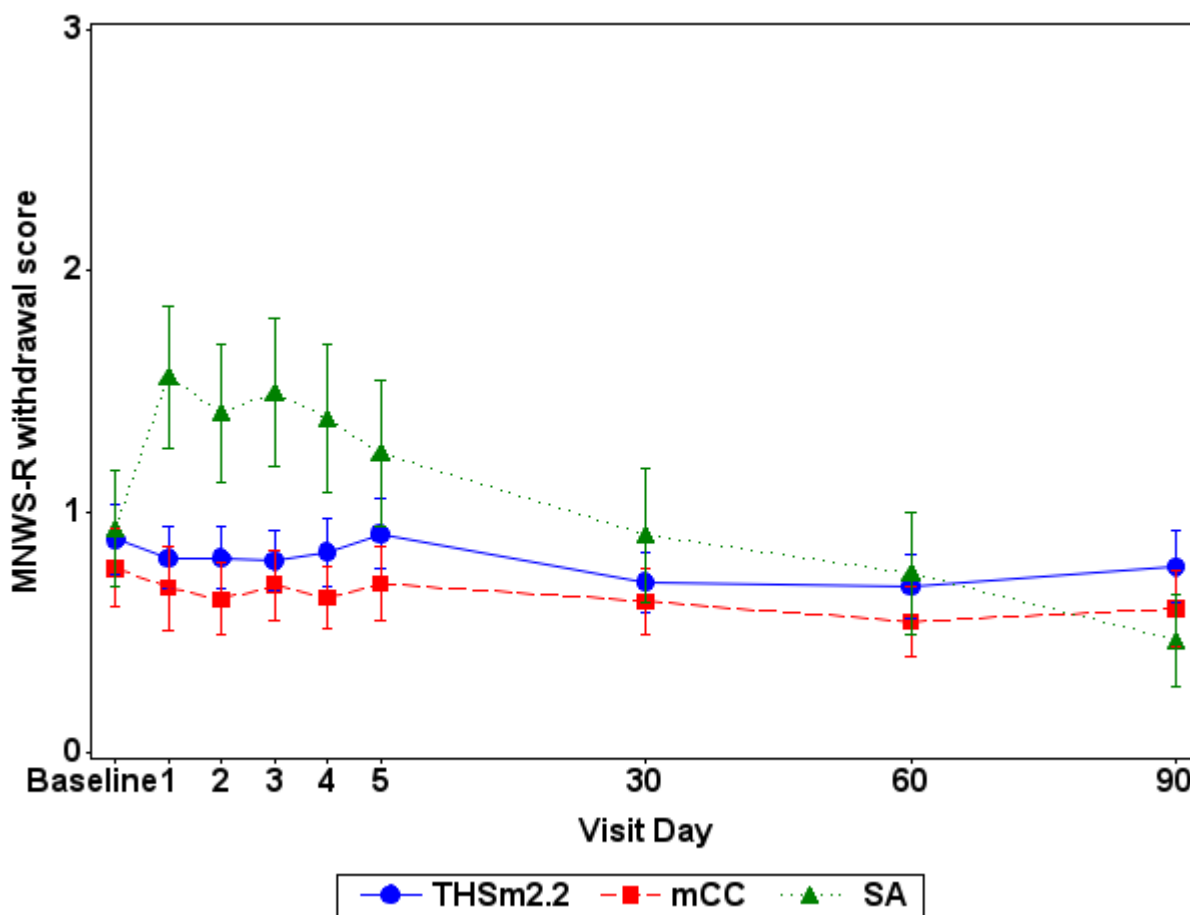
Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Note: Scores of MCEQ subscales are reported on a 7-point scale. Higher scores indicate greater intensity on that scale.

Appendix: 15.2.4.38.2

Study ID: ZRHM-REXA-07-JP

Program: f1501020702-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 5 of 5

**Figure 15.1.2.8.1 MNWS Total Score Arithmetic Mean and 95% CI - PP Set**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

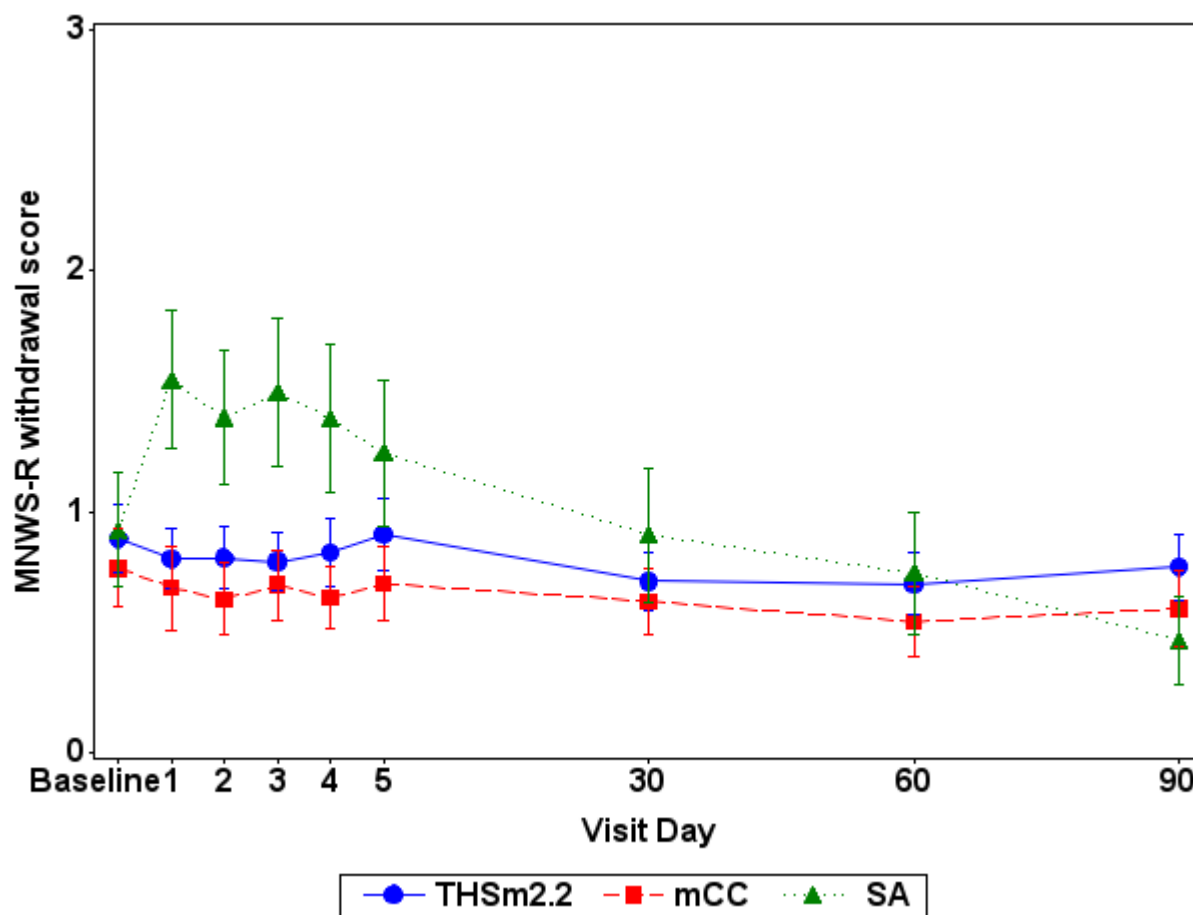
Baseline is summarized using the baseline data from the PP Set for Period 1.

Note: MNWS-R total score reported a scale of 0 to 4. Higher scores indicate greater intensity of withdrawal symptoms.

Appendix: 15.2.4.39.1

Study ID: ZRHM-REXA-07-JP

Program: f1501020801-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 1 of 1

**Figure 15.1.2.8.2 MNWS Total Score Arithmetic Mean and 95% CI - FAS**

Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Note: MNWS-R total score reported a scale of 0 to 4. Higher scores indicate greater intensity of withdrawal symptoms.

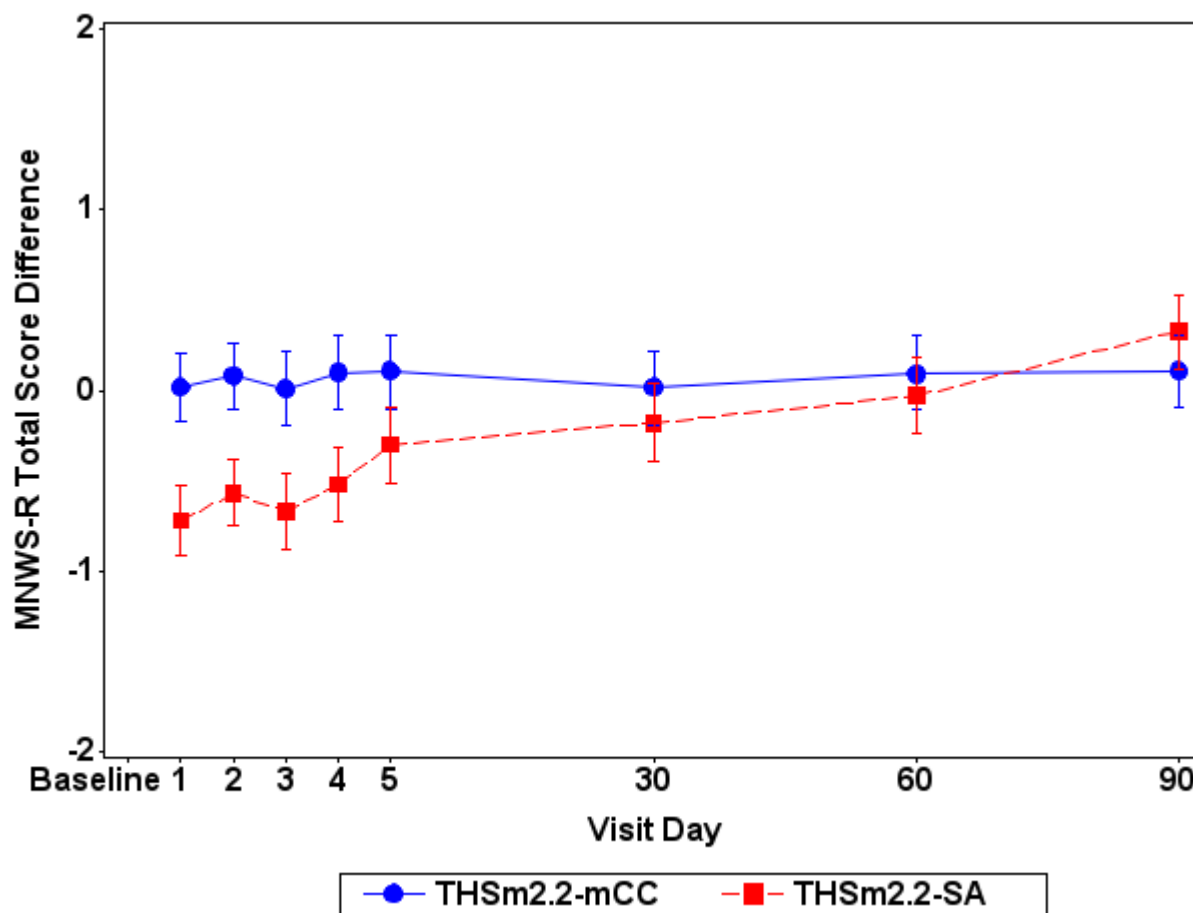
Appendix: 15.2.4.39.2

Study ID: ZRHM-REXA-07-JP

Program: f1501020802-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 1 of 1



Figure 15.1.2.9.1 MNWS Total Score Least Squares Means Differences and 95% CI - PP Set



Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Note: MNWS-R total score is reported a scale of 0 to 4. Higher scores indicate greater intensity of withdrawal symptoms.

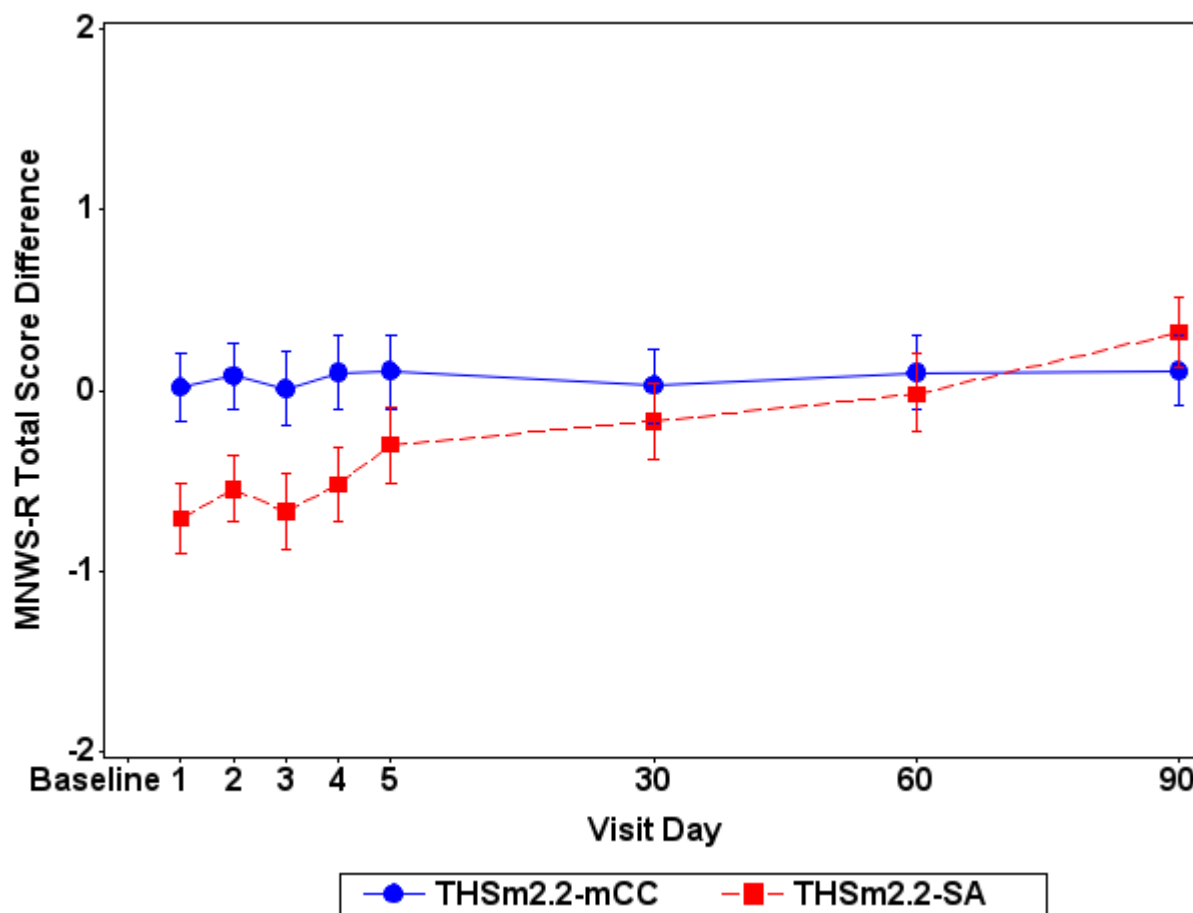
Appendix: 15.2.4.40.1

Study ID: ZRHM-REXA-07-JP

Program: f1501020901-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 1 of 1



Figure 15.1.2.9.2 MNWS Total Score Least Squares Means Differences and 95% CI - FAS



Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Note: MNWS-R total score is reported a scale of 0 to 4. Higher scores indicate greater intensity of withdrawal symptoms.

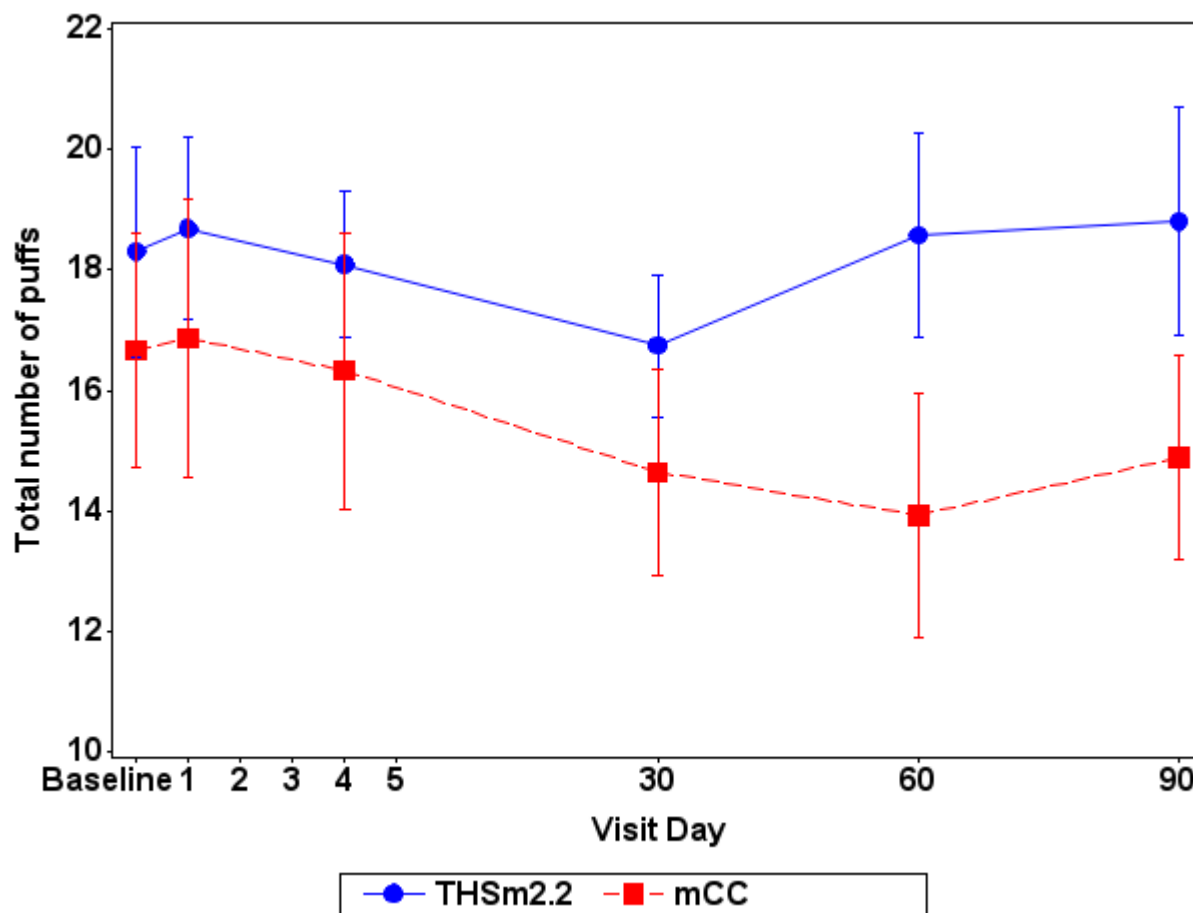
Appendix: 15.2.4.40.2

Study ID: ZRHM-REXA-07-JP

Program: f1501020902-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 1 of 1



Figure 15.1.2.10 HST Parameters Averaged Over the Visit Arithmetic Mean and 95% CI - PP Set



Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the PP Set for Period 1.

Note: HST parameters are averaged over the visit day.

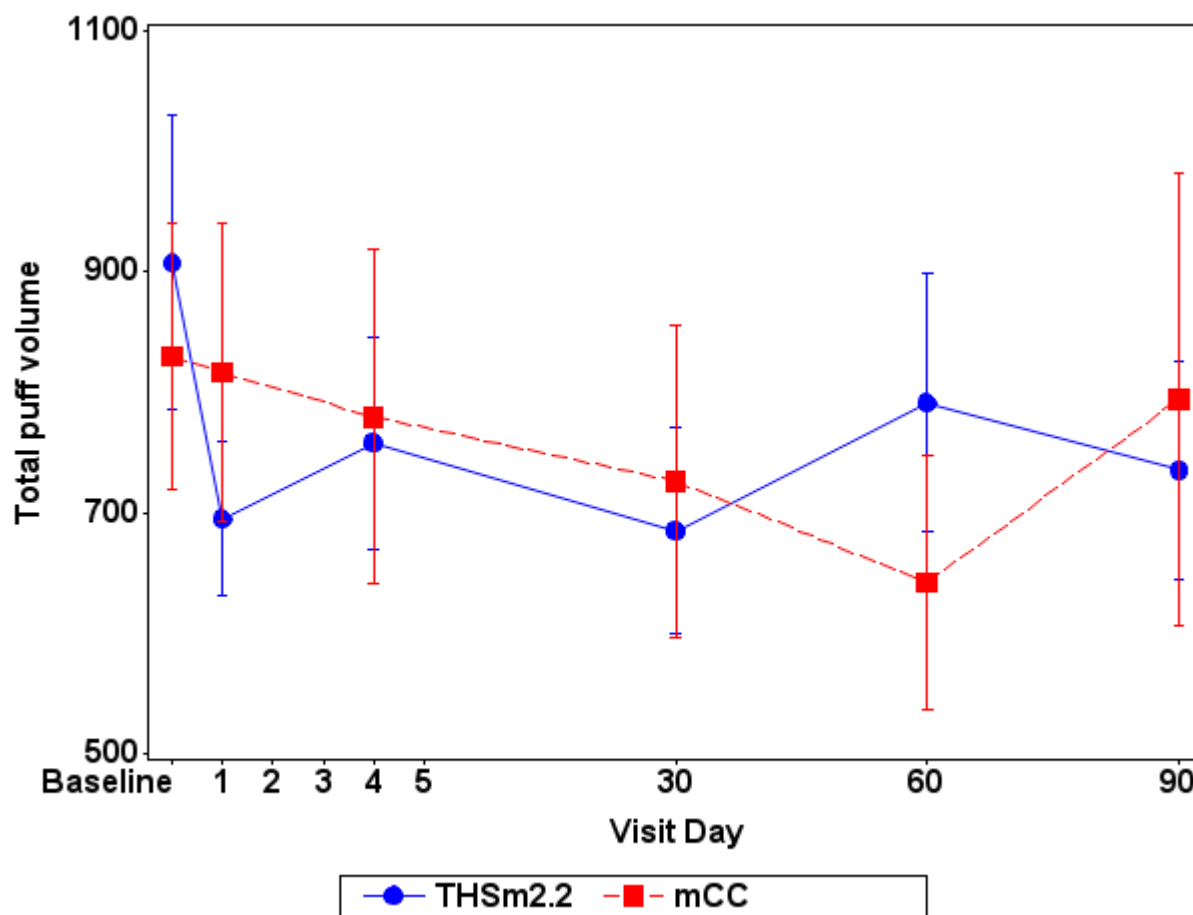
Appendix: 15.2.4.42

Study ID: ZRHM-REXA-07-JP

Program: f15010210-ZRHM-REXA-07-JP-v3.0.sas Status: Final/03AUG2015 Page 1 of 17



Figure 15.1.2.10 HST Parameters Averaged Over the Visit Arithmetic Mean and 95% CI - PP Set



Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the PP Set for Period 1.

Note: HST parameters are averaged over the visit day.

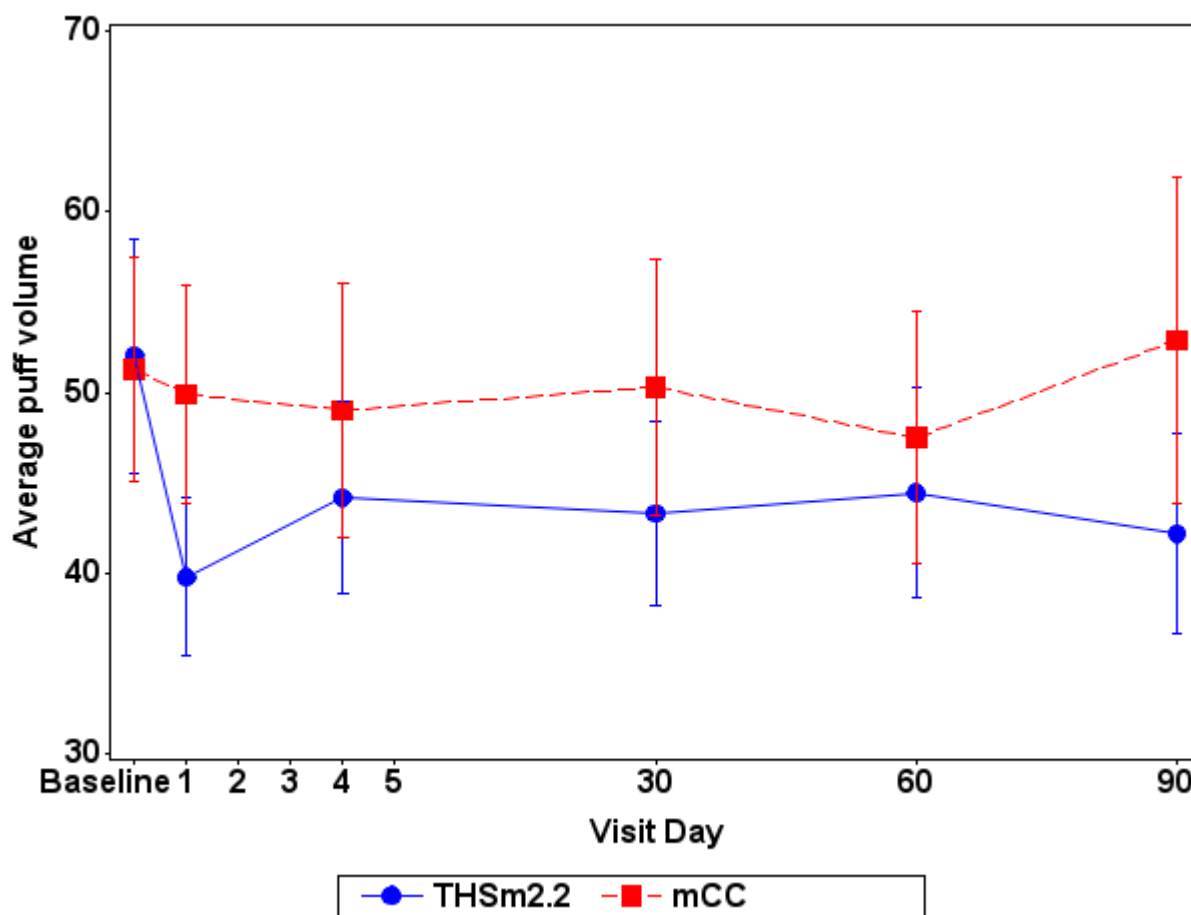
Appendix: 15.2.4.42

Study ID: ZRHM-REXA-07-JP

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Figure 15.1.2.10 HST Parameters Averaged Over the Visit Arithmetic Mean and 95% CI - PP Set



Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

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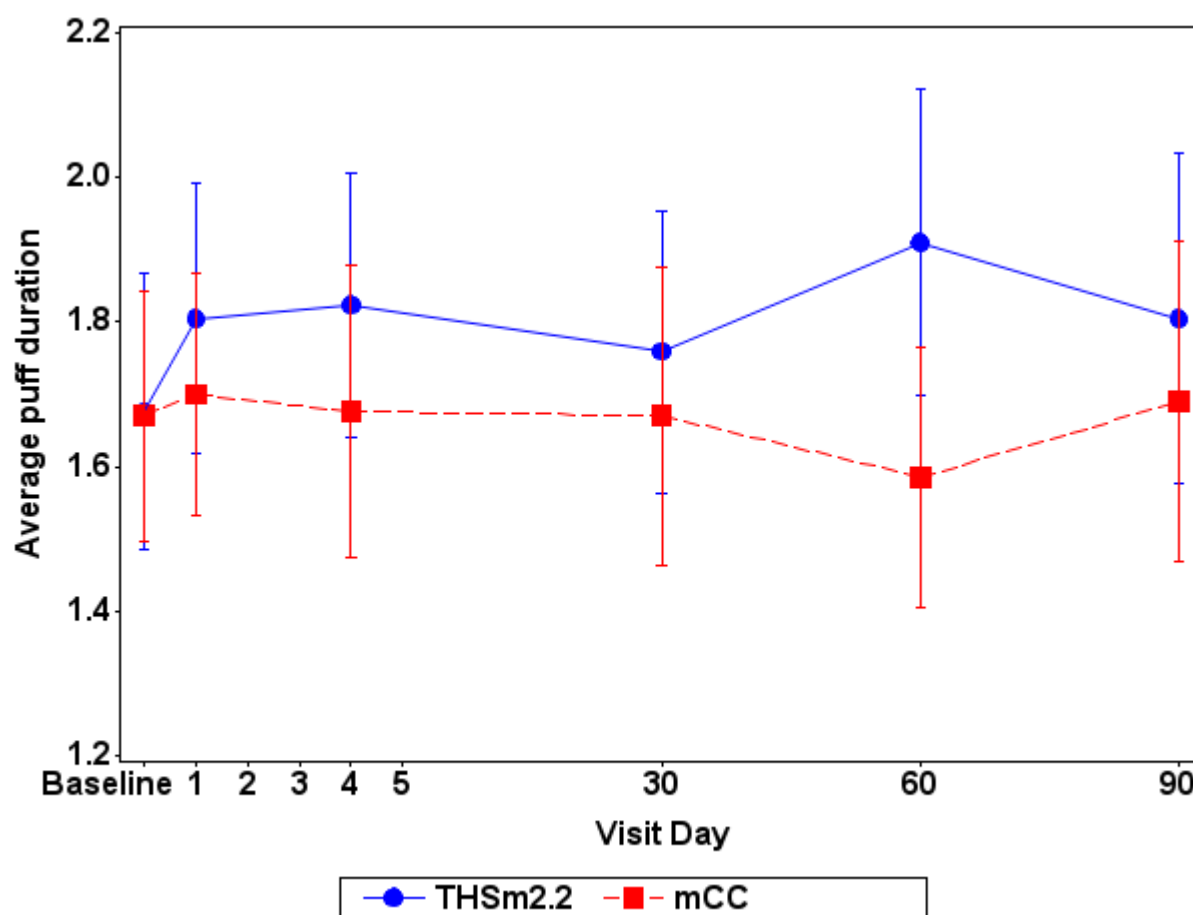
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Study ID: ZRHM-REXA-07-JP

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Figure 15.1.2.10 HST Parameters Averaged Over the Visit Arithmetic Mean and 95% CI - PP Set



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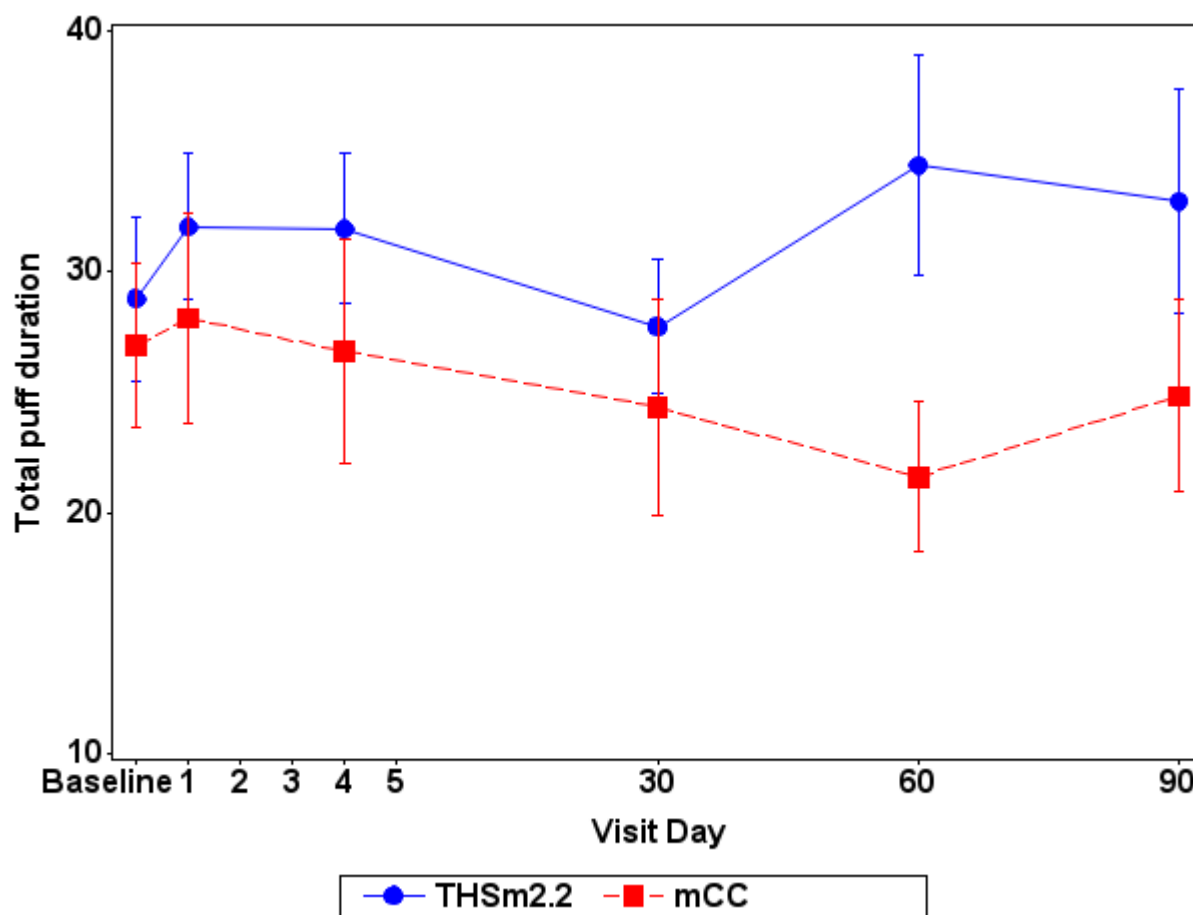
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Figure 15.1.2.10 HST Parameters Averaged Over the Visit Arithmetic Mean and 95% CI - PP Set



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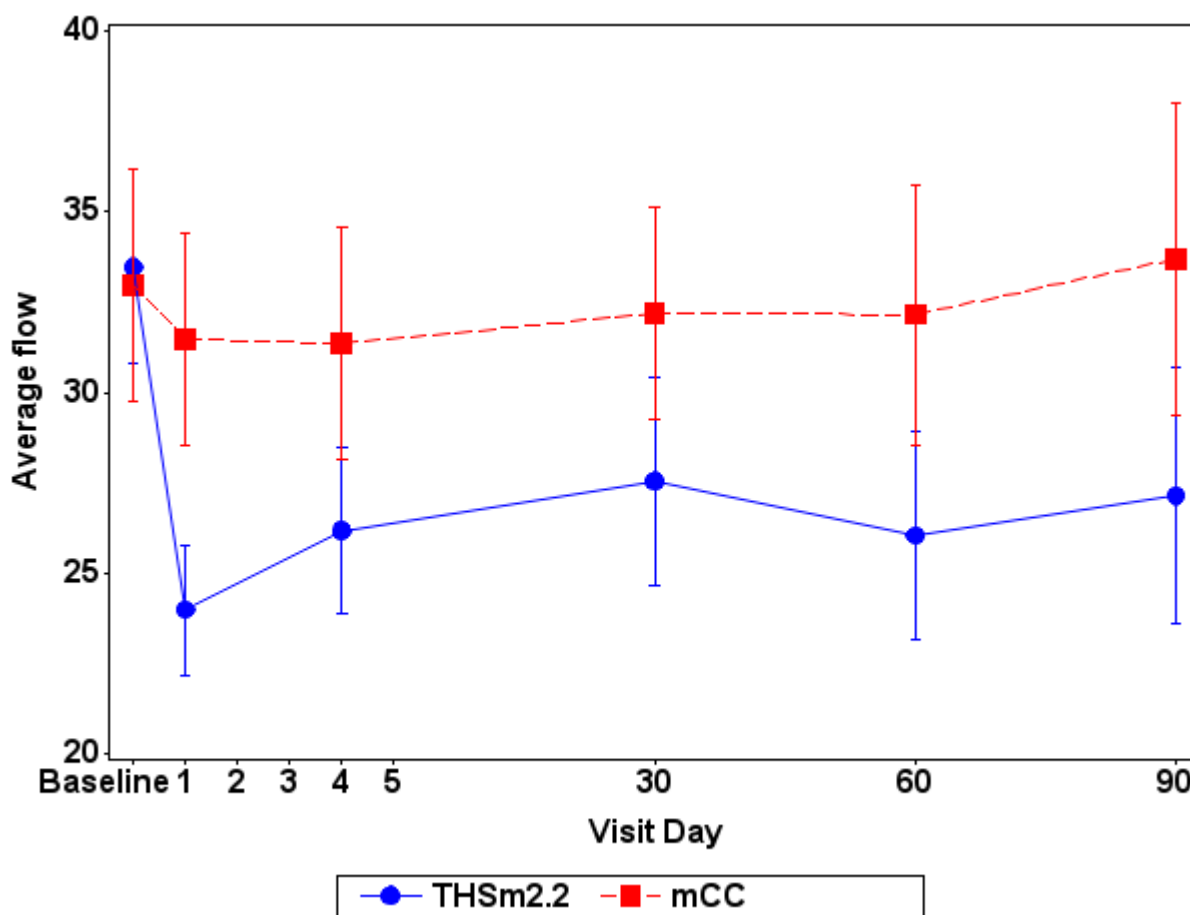
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Figure 15.1.2.10 HST Parameters Averaged Over the Visit Arithmetic Mean and 95% CI - PP Set



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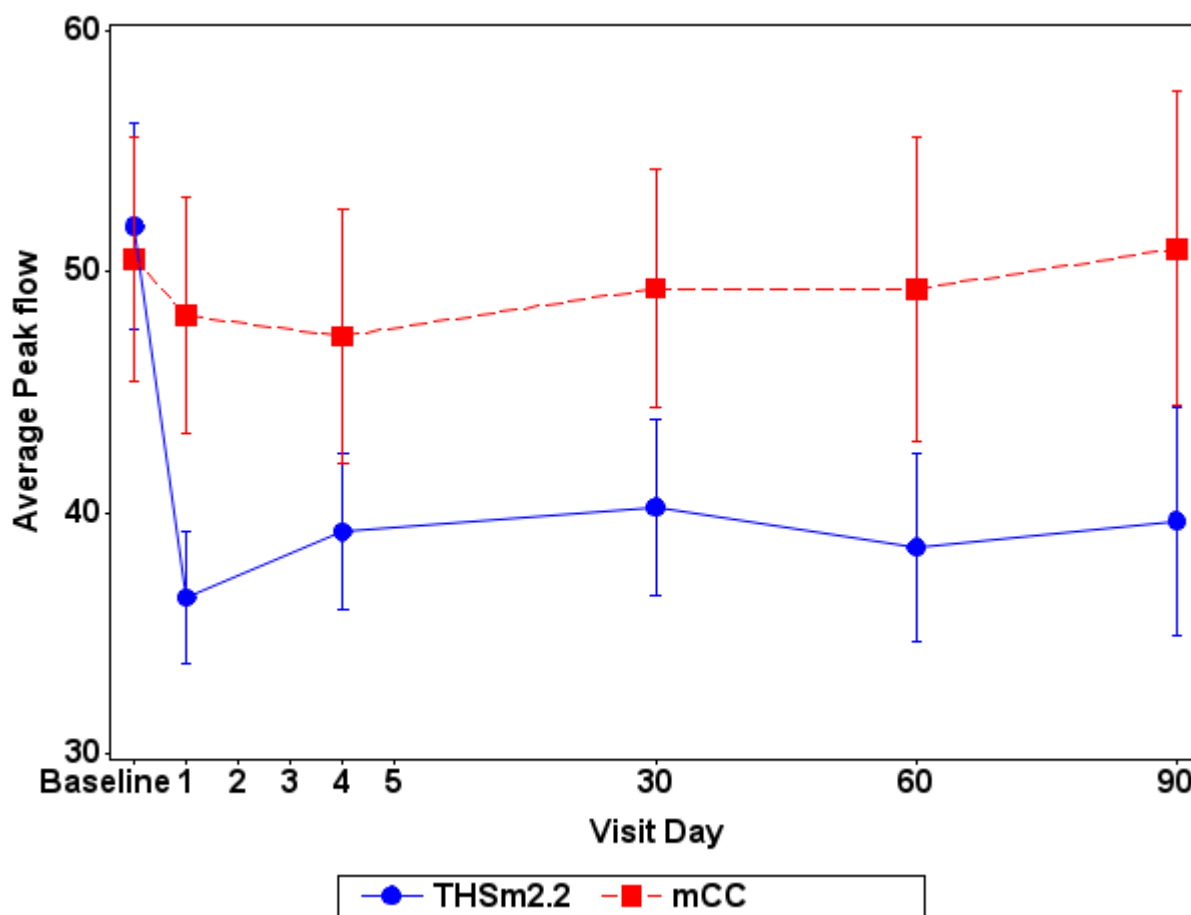
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Figure 15.1.2.10 HST Parameters Averaged Over the Visit Arithmetic Mean and 95% CI - PP Set



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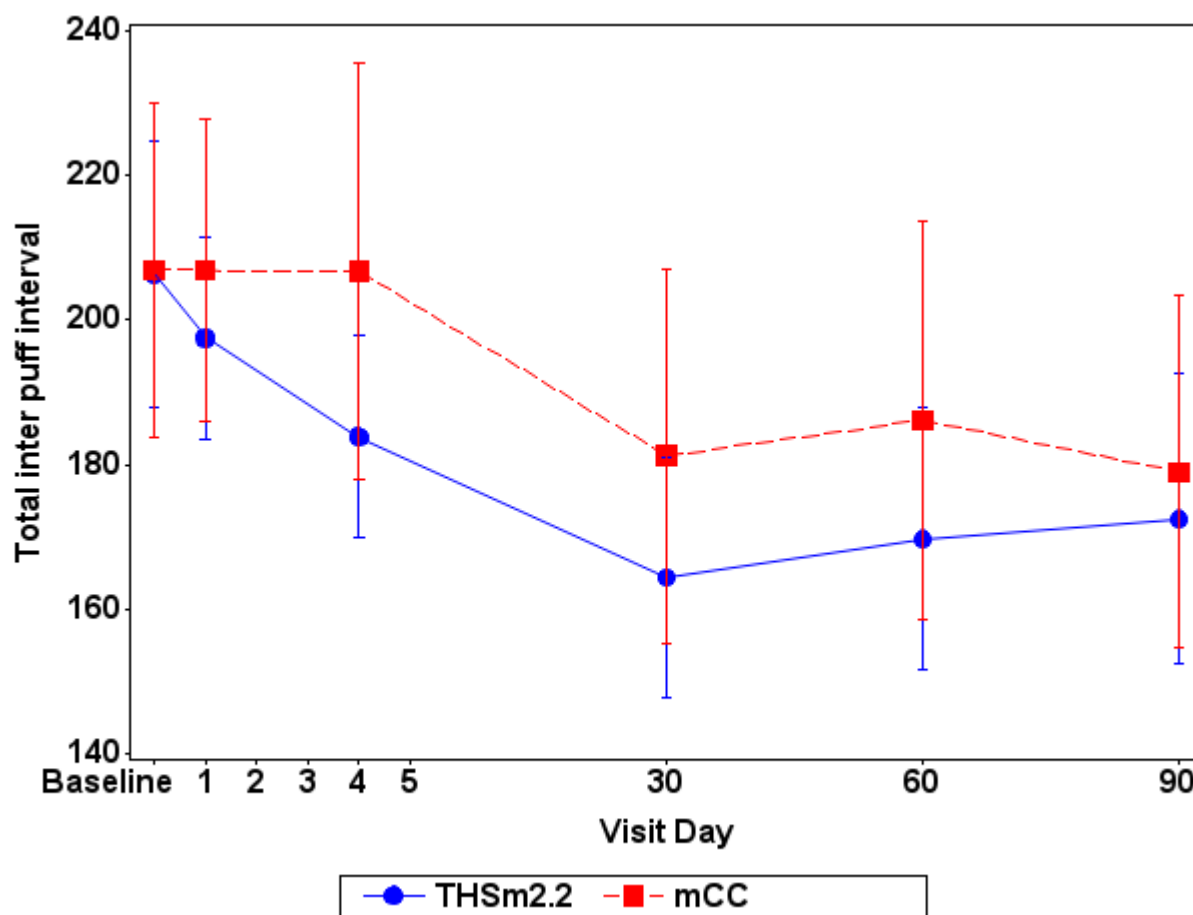
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Figure 15.1.2.10 HST Parameters Averaged Over the Visit Arithmetic Mean and 95% CI - PP Set



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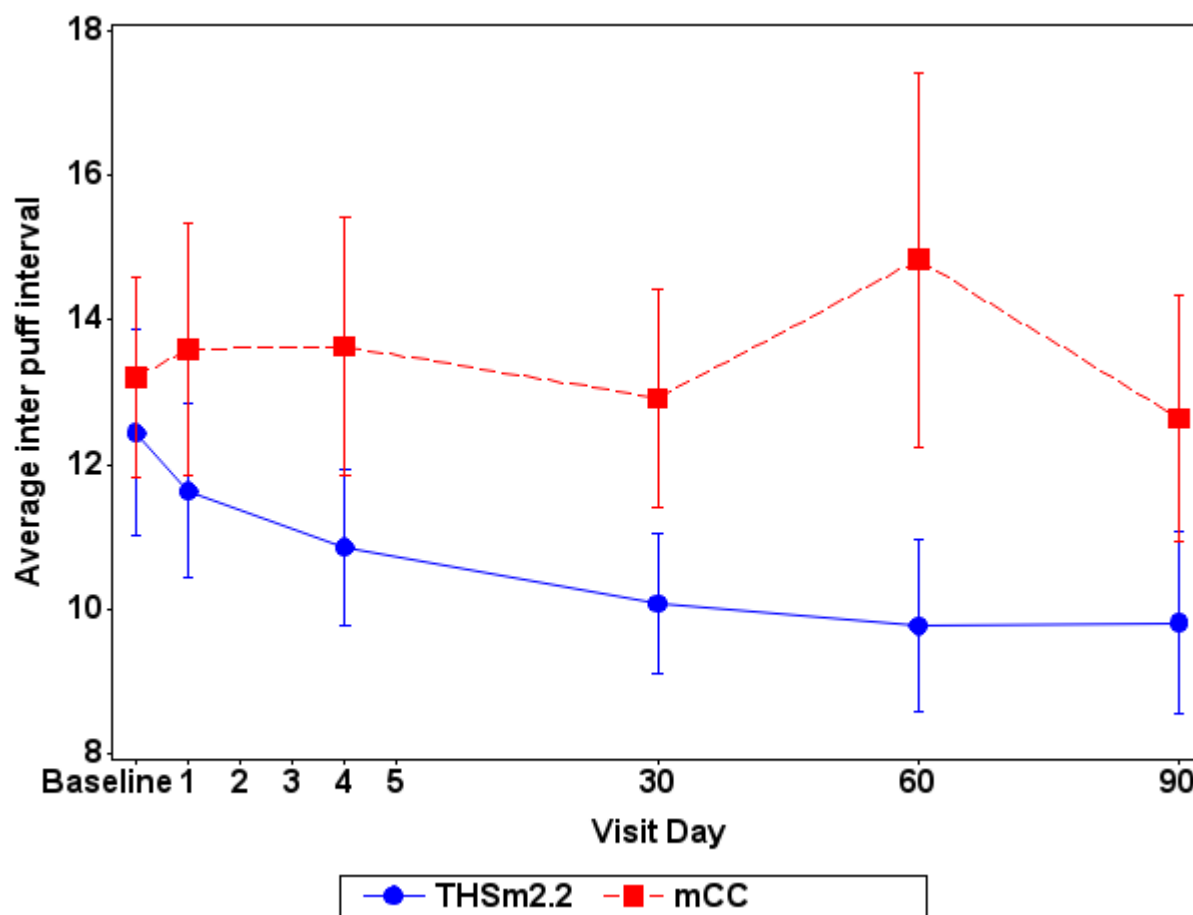
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Figure 15.1.2.10 HST Parameters Averaged Over the Visit Arithmetic Mean and 95% CI - PP Set



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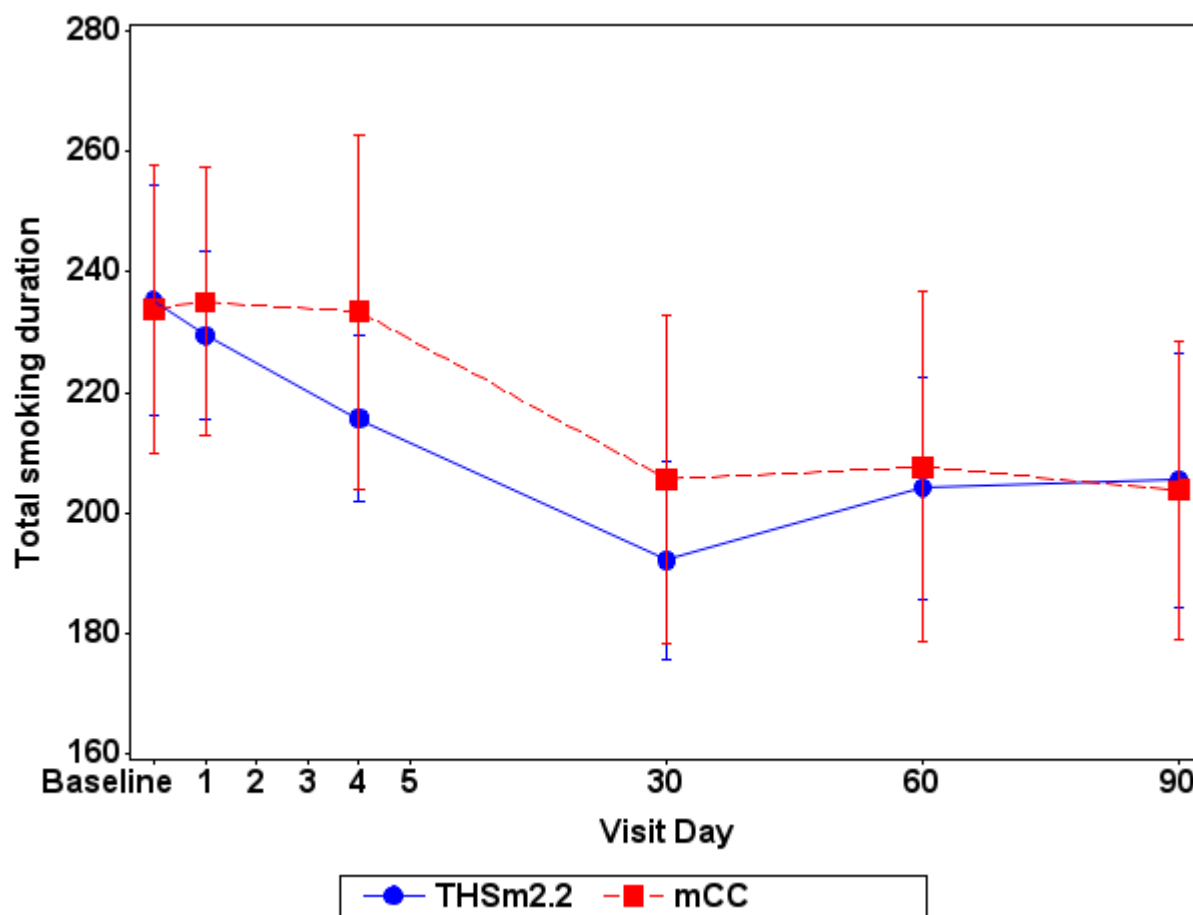
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Figure 15.1.2.10 HST Parameters Averaged Over the Visit Arithmetic Mean and 95% CI - PP Set



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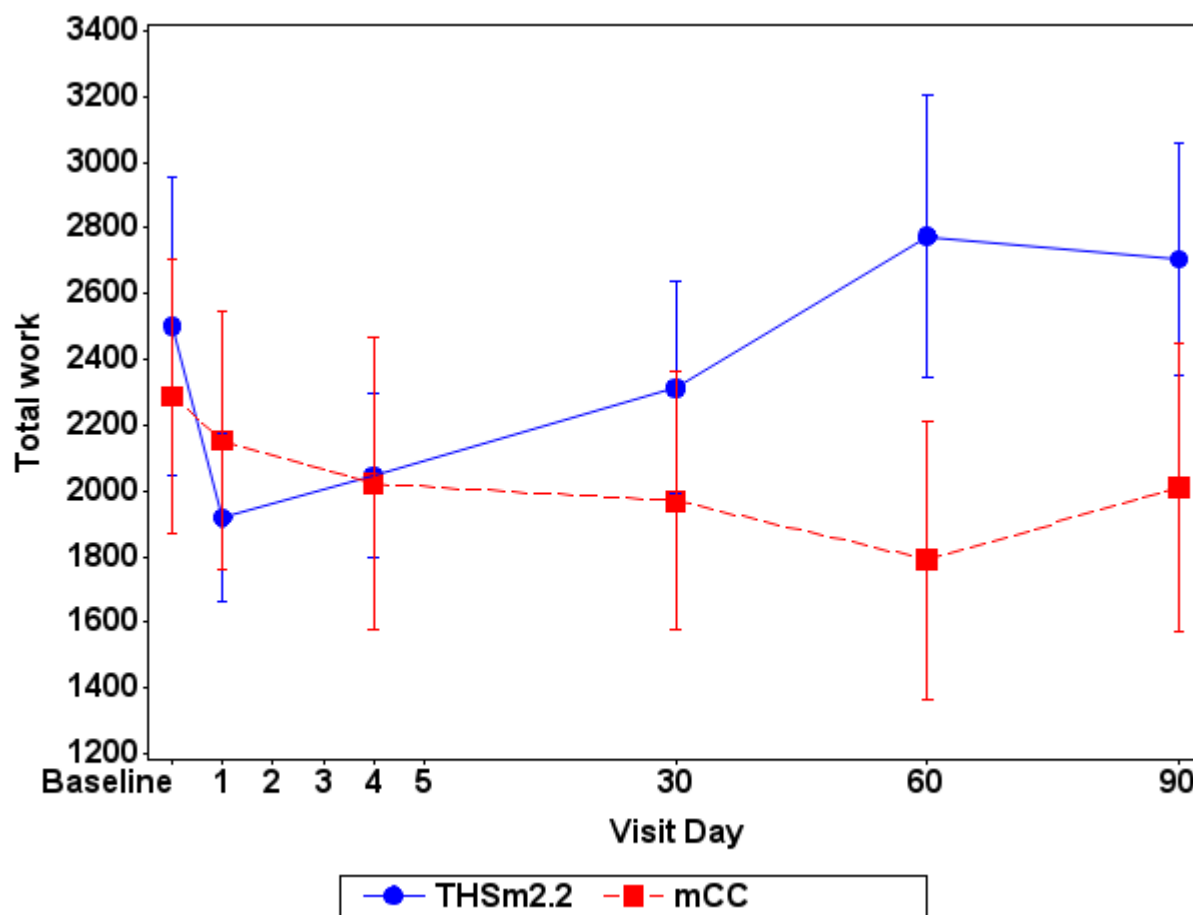
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Study ID: ZRHM-REXA-07-JP

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Figure 15.1.2.10 HST Parameters Averaged Over the Visit Arithmetic Mean and 95% CI - PP Set



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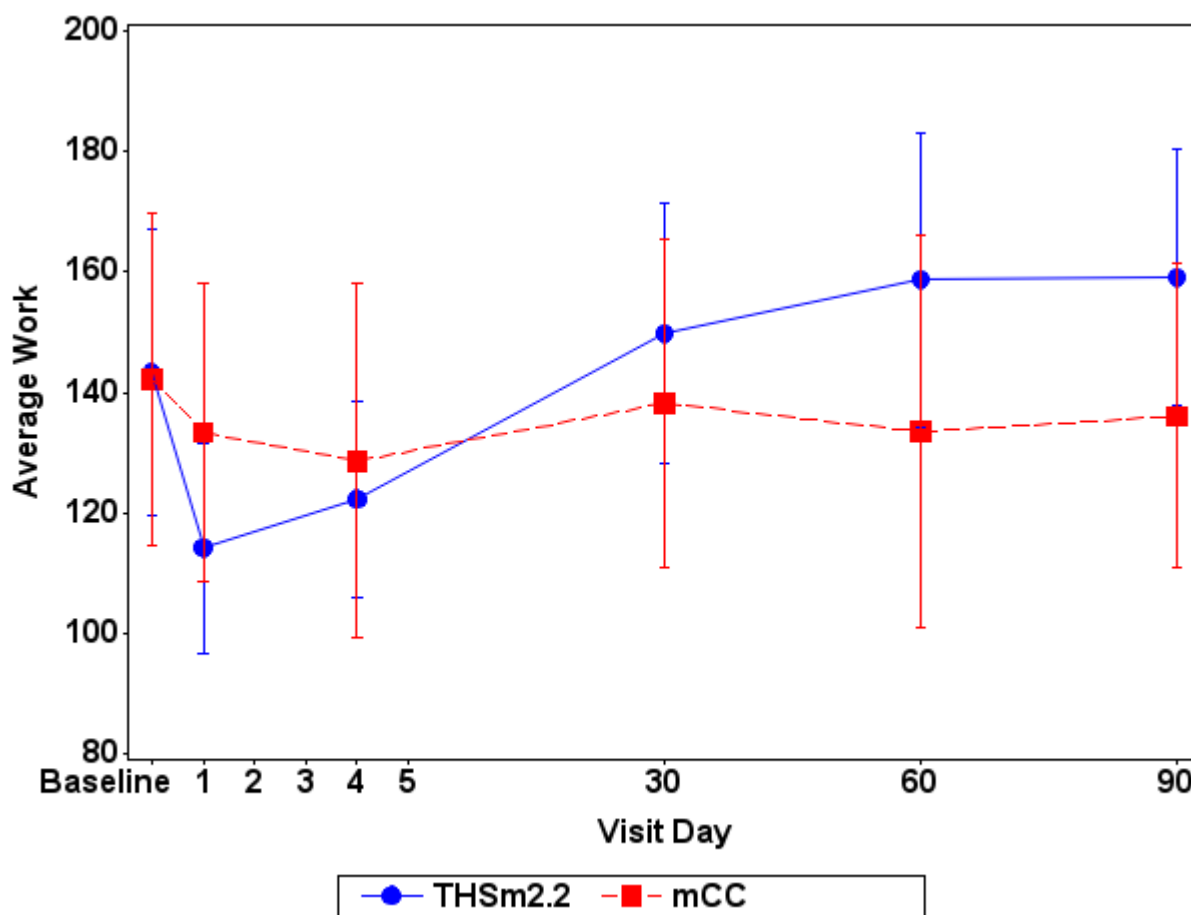
Appendix: 15.2.4.42

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Figure 15.1.2.10 HST Parameters Averaged Over the Visit Arithmetic Mean and 95% CI - PP Set



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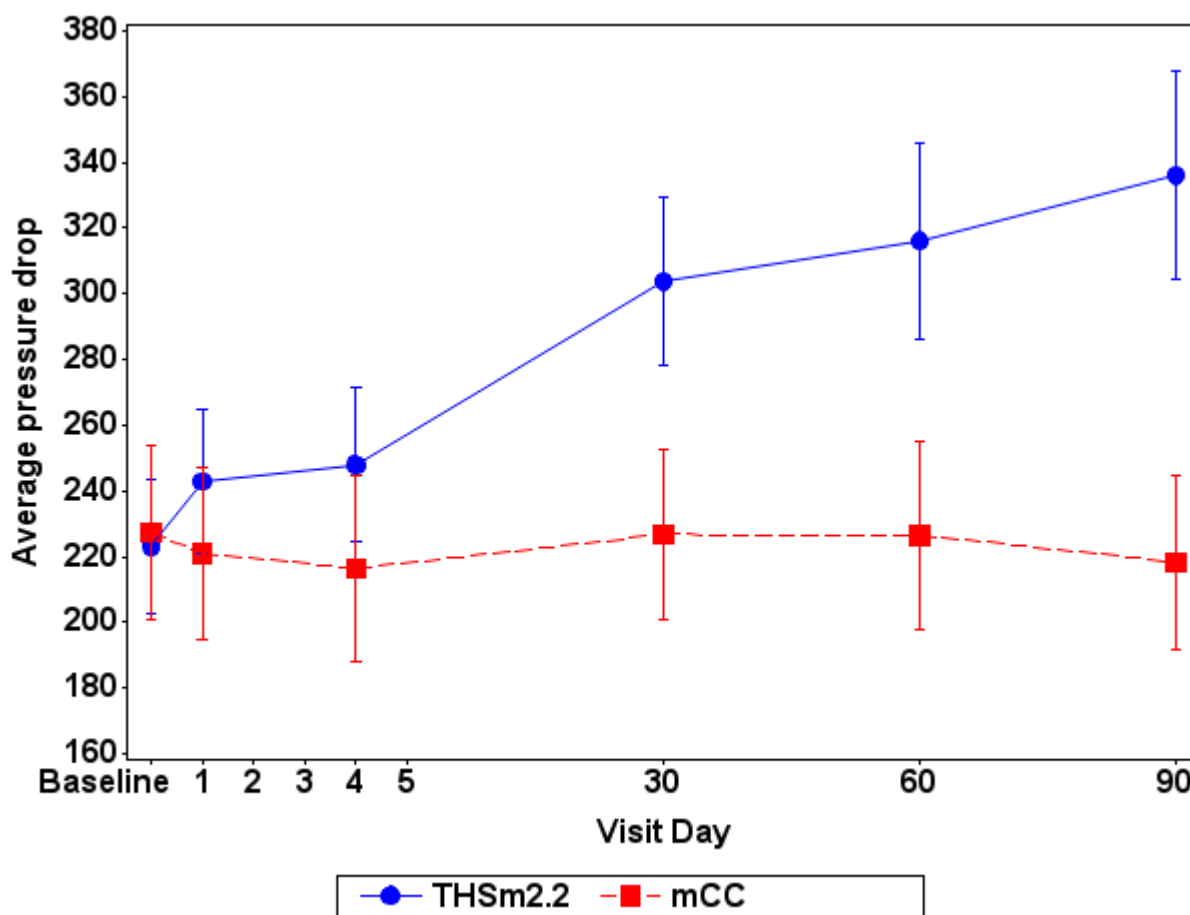
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Figure 15.1.2.10 HST Parameters Averaged Over the Visit Arithmetic Mean and 95% CI - PP Set



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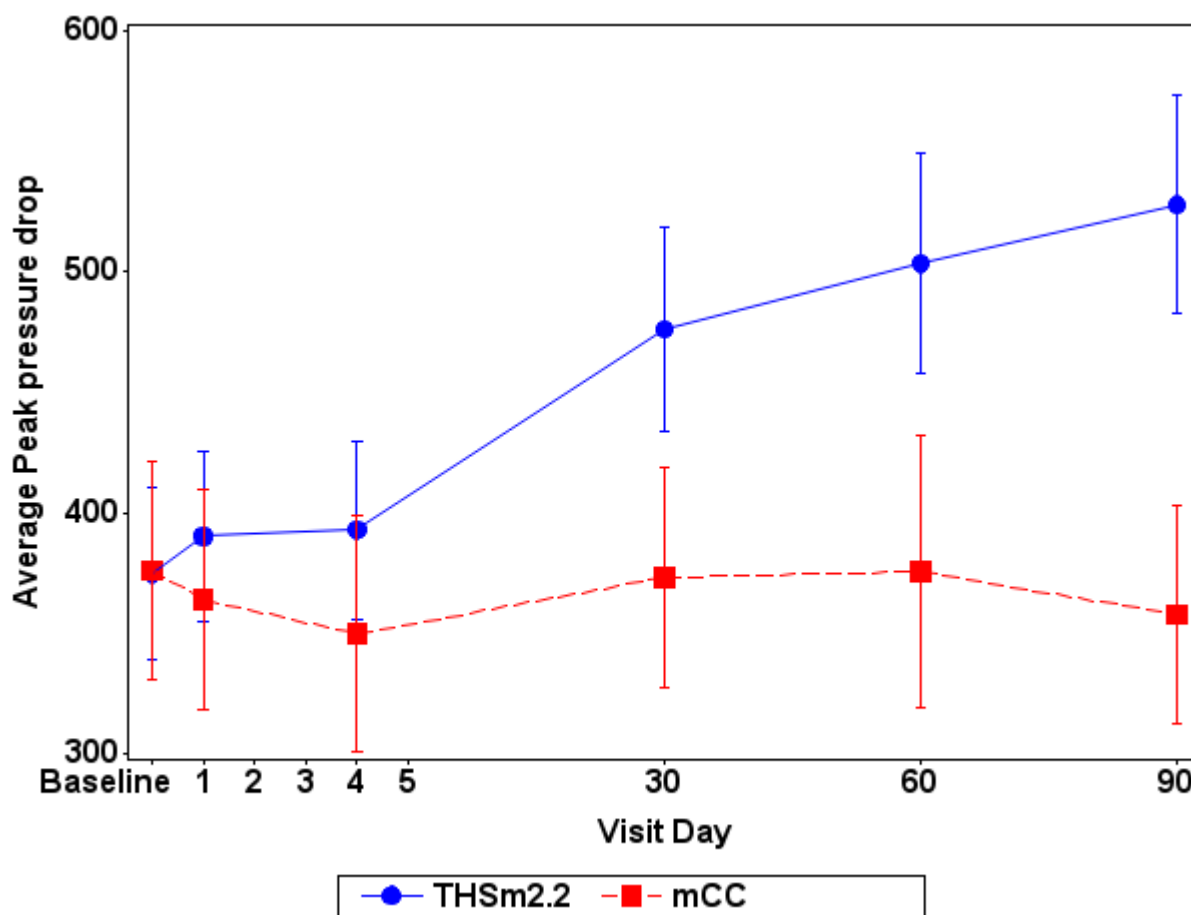
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Figure 15.1.2.10 HST Parameters Averaged Over the Visit Arithmetic Mean and 95% CI - PP Set



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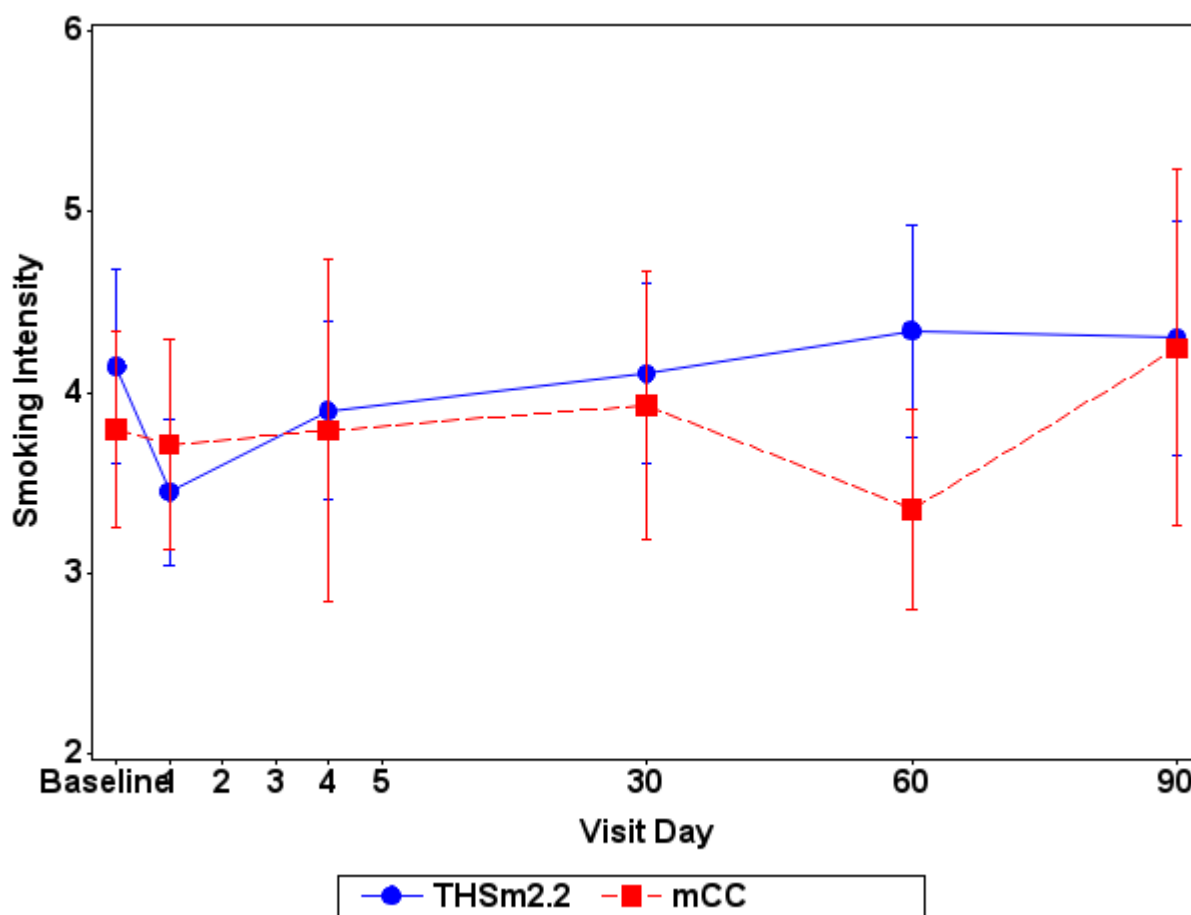
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Figure 15.1.2.10 HST Parameters Averaged Over the Visit Arithmetic Mean and 95% CI - PP Set



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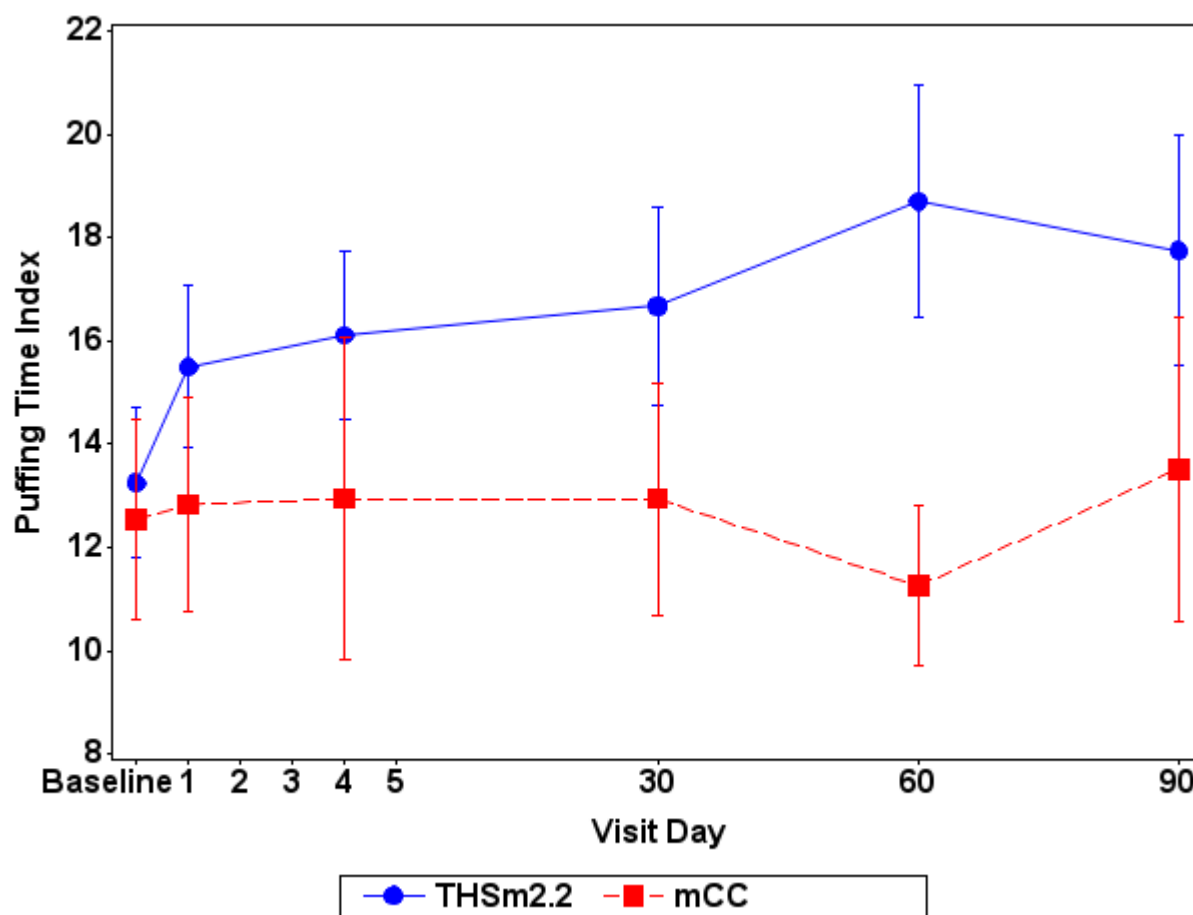
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Figure 15.1.2.10 HST Parameters Averaged Over the Visit Arithmetic Mean and 95% CI - PP Set



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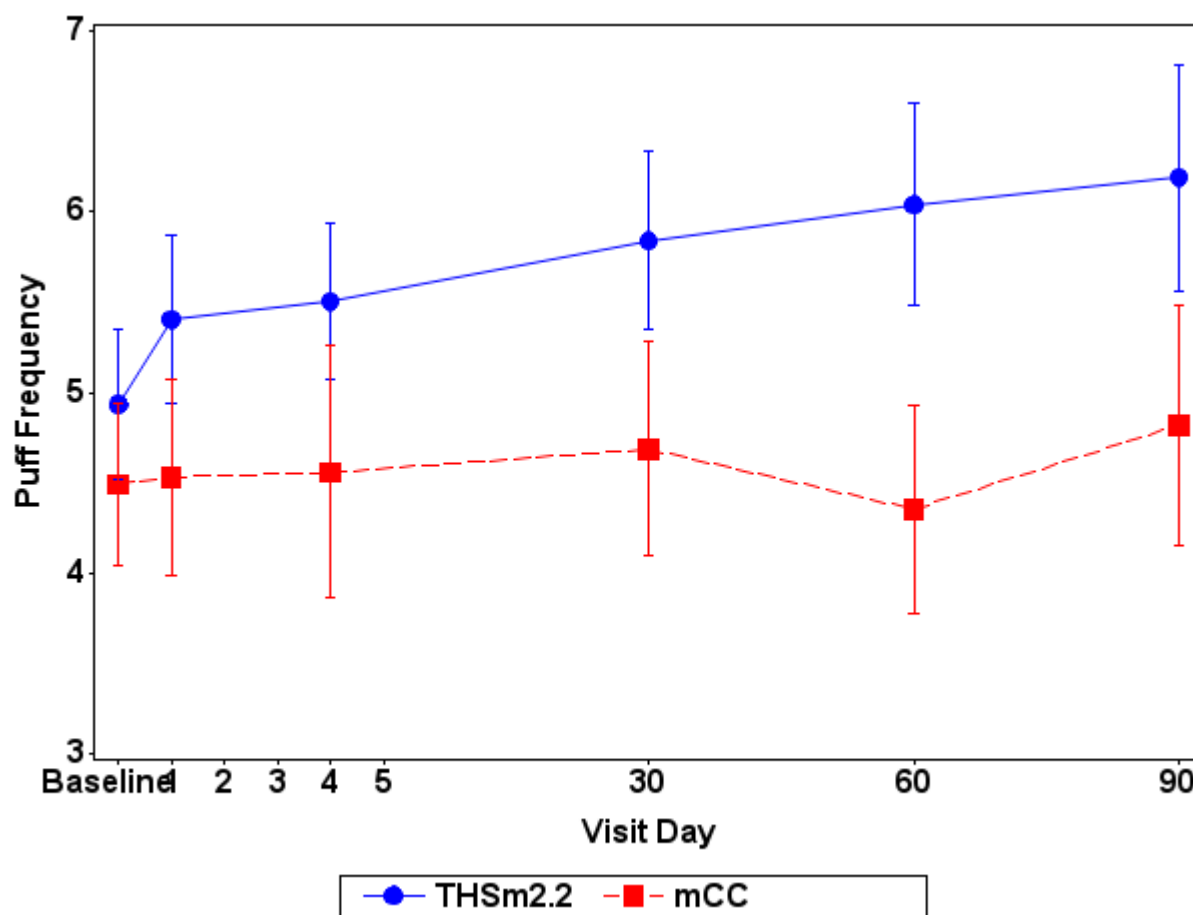
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Figure 15.1.2.10 HST Parameters Averaged Over the Visit Arithmetic Mean and 95% CI - PP Set



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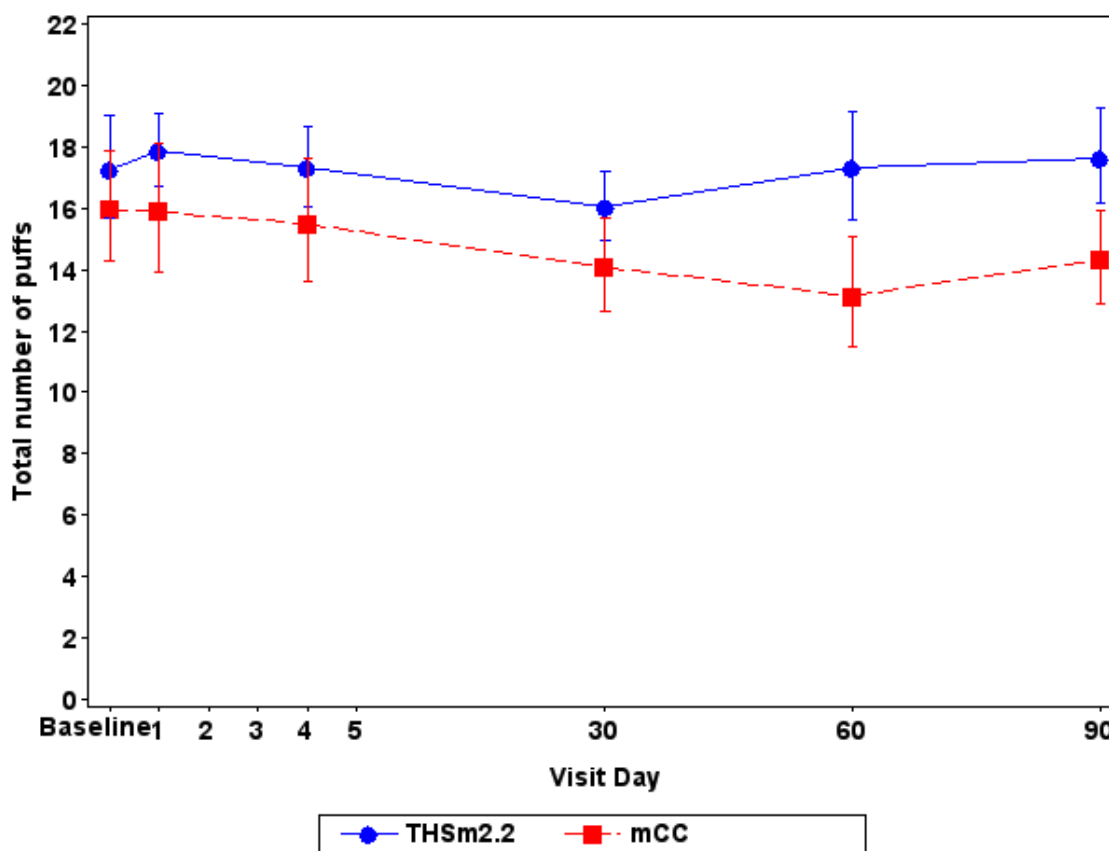
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Figure 15.1.2.10.1 HST Parameters Averaged Over the Visit Geometric Mean and 95% CI - PP Set



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Appendix: 15.2.4.42.1

Study ID: ZRHM-REXA-07-JP

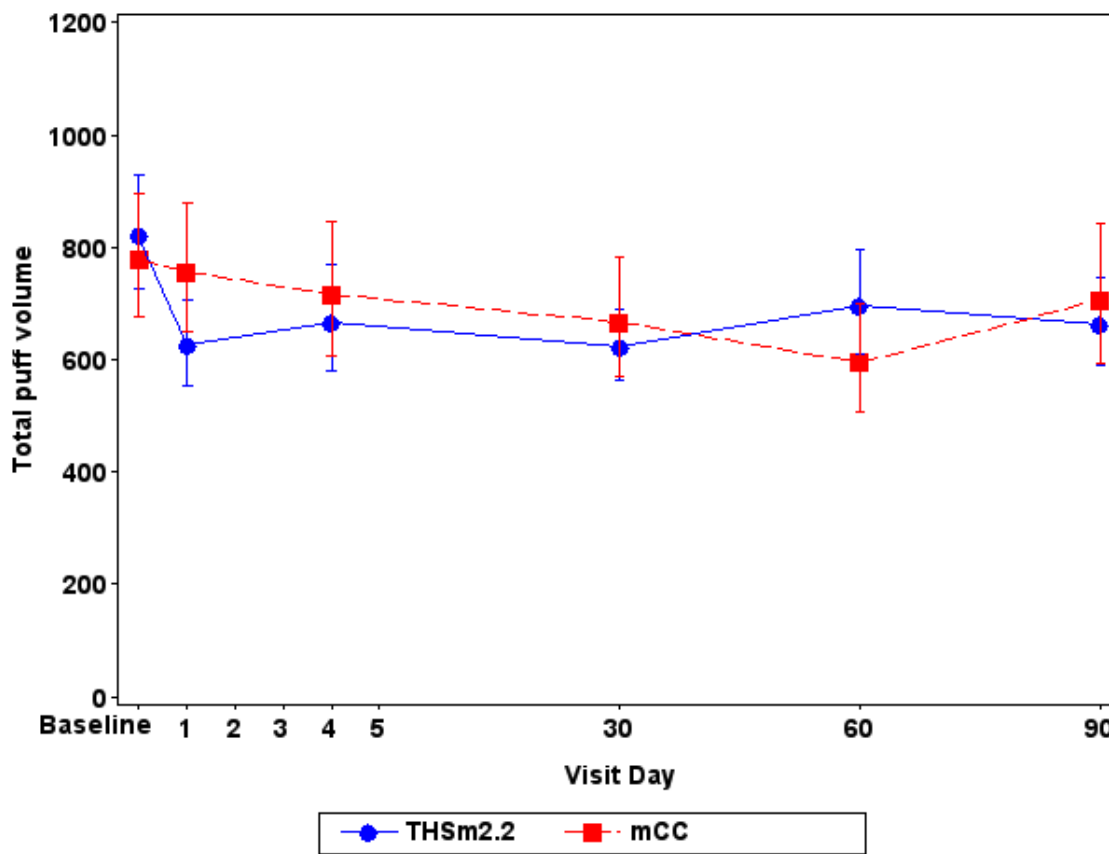
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Figure 15.1.2.10.1 HST Parameters Averaged Over the Visit Geometric Mean and 95% CI - PP Set



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Appendix: 15.2.4.42.1

Study ID: ZRHM-REXA-07-JP

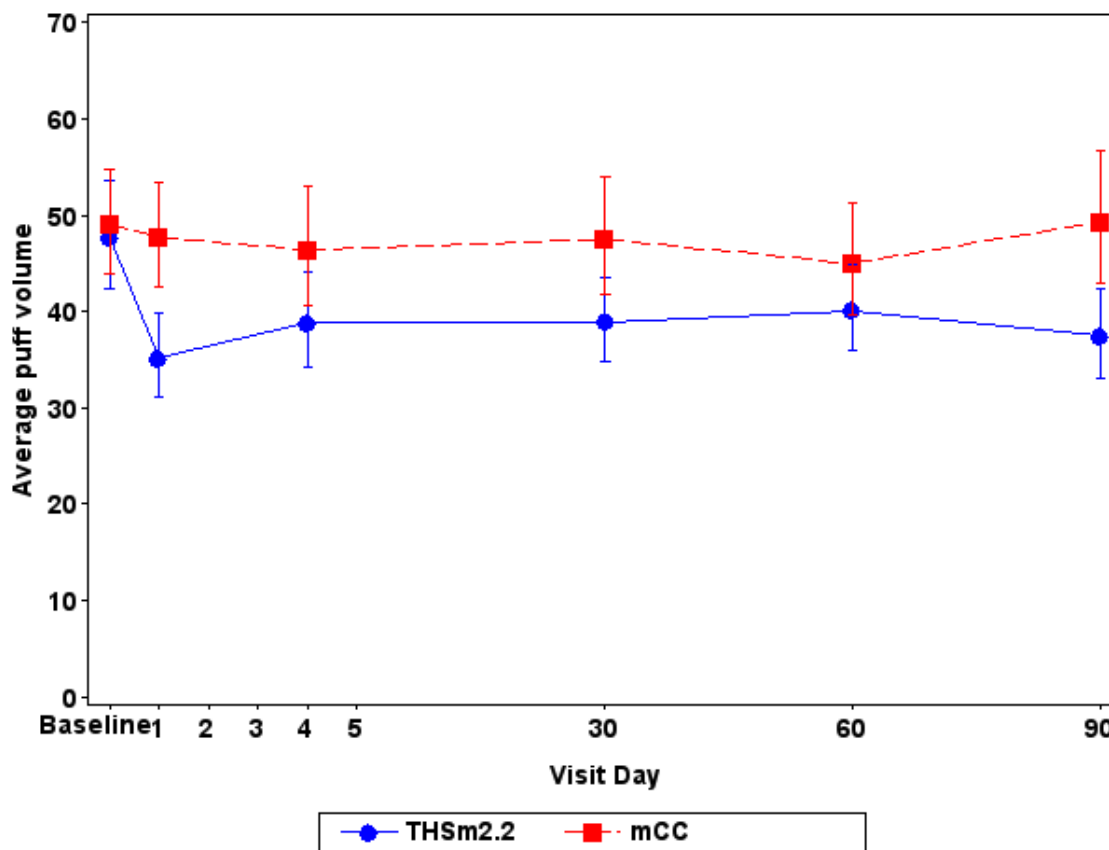
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Figure 15.1.2.10.1 HST Parameters Averaged Over the Visit Geometric Mean and 95% CI - PP Set



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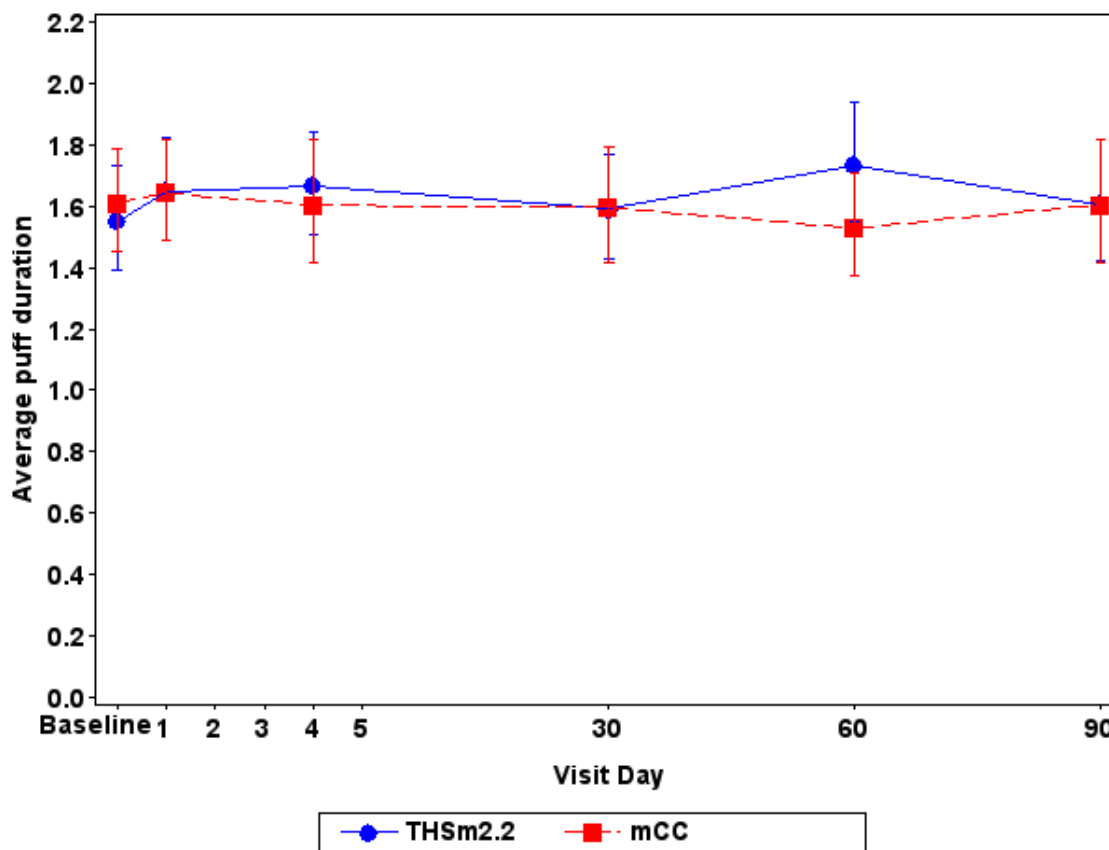
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Study ID: ZRHM-REXA-07-JP

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Figure 15.1.2.10.1 HST Parameters Averaged Over the Visit Geometric Mean and 95% CI - PP Set



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Appendix: 15.2.4.42.1

Study ID: ZRHM-REXA-07-JP

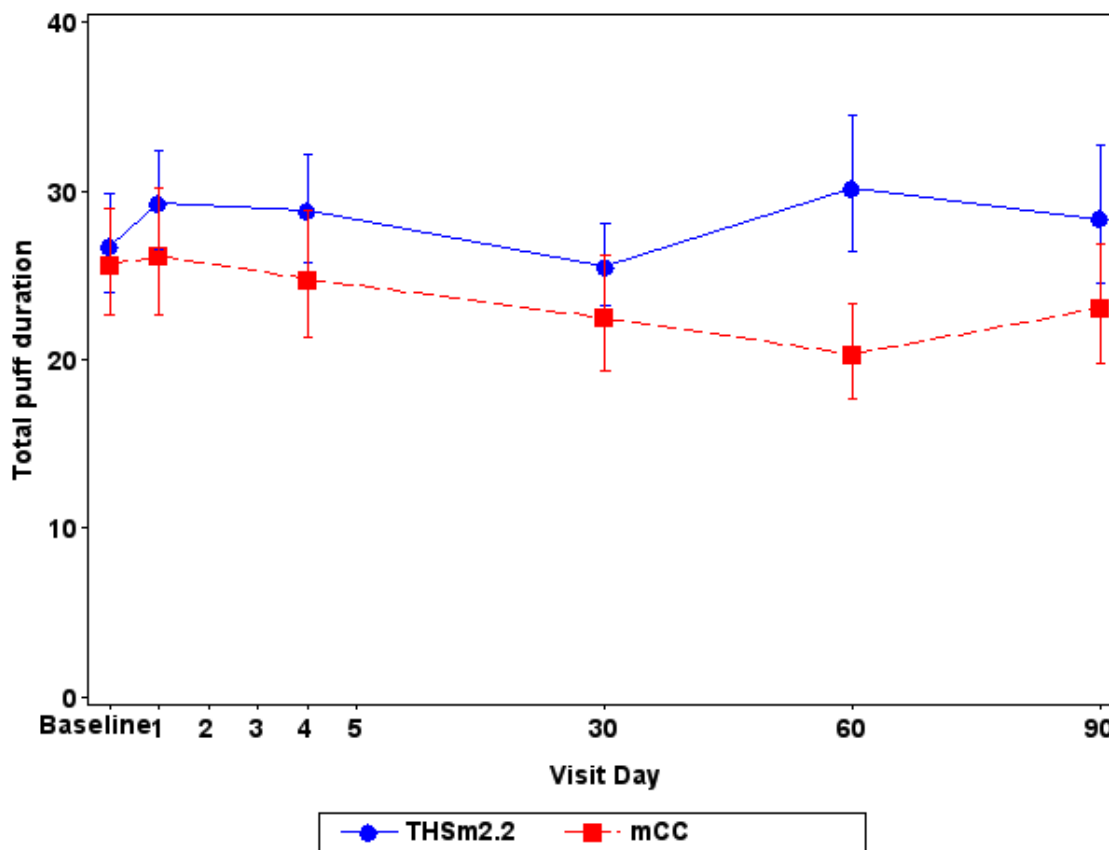
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Figure 15.1.2.10.1 HST Parameters Averaged Over the Visit Geometric Mean and 95% CI - PP Set



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Appendix: 15.2.4.42.1

Study ID: ZRHM-REXA-07-JP

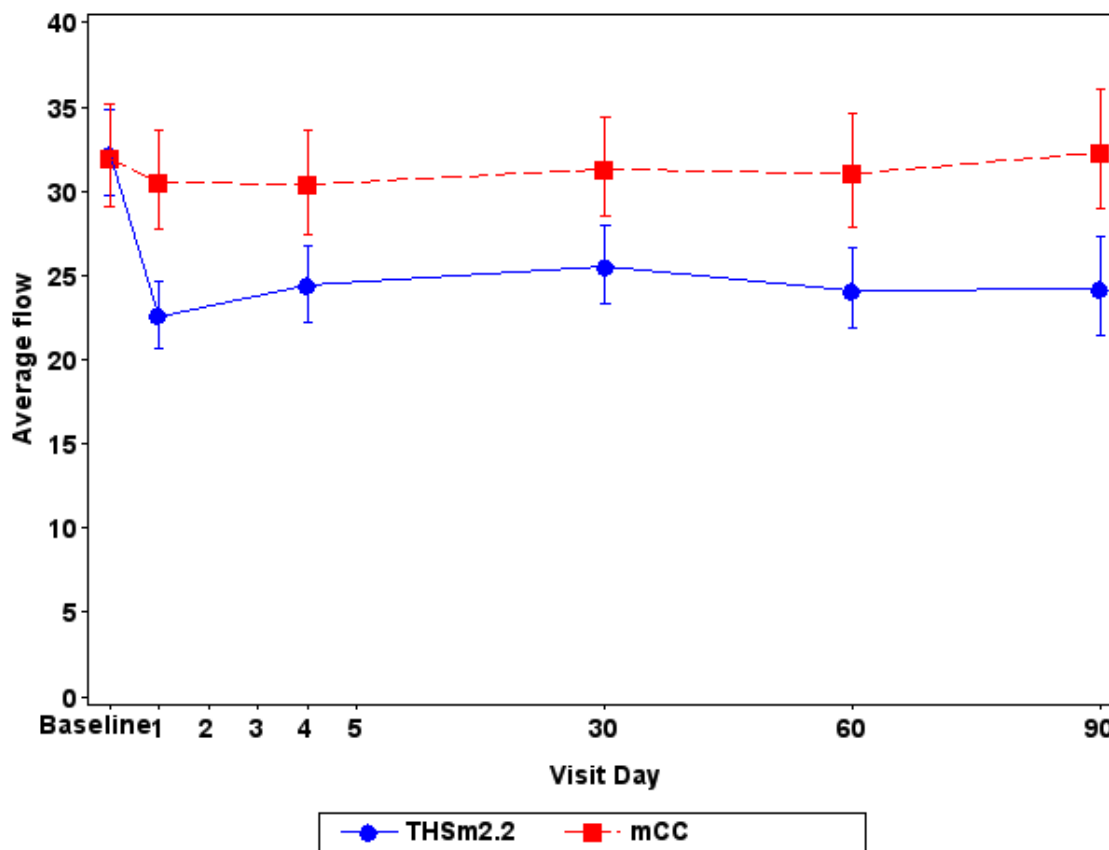
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Figure 15.1.2.10.1 HST Parameters Averaged Over the Visit Geometric Mean and 95% CI - PP Set



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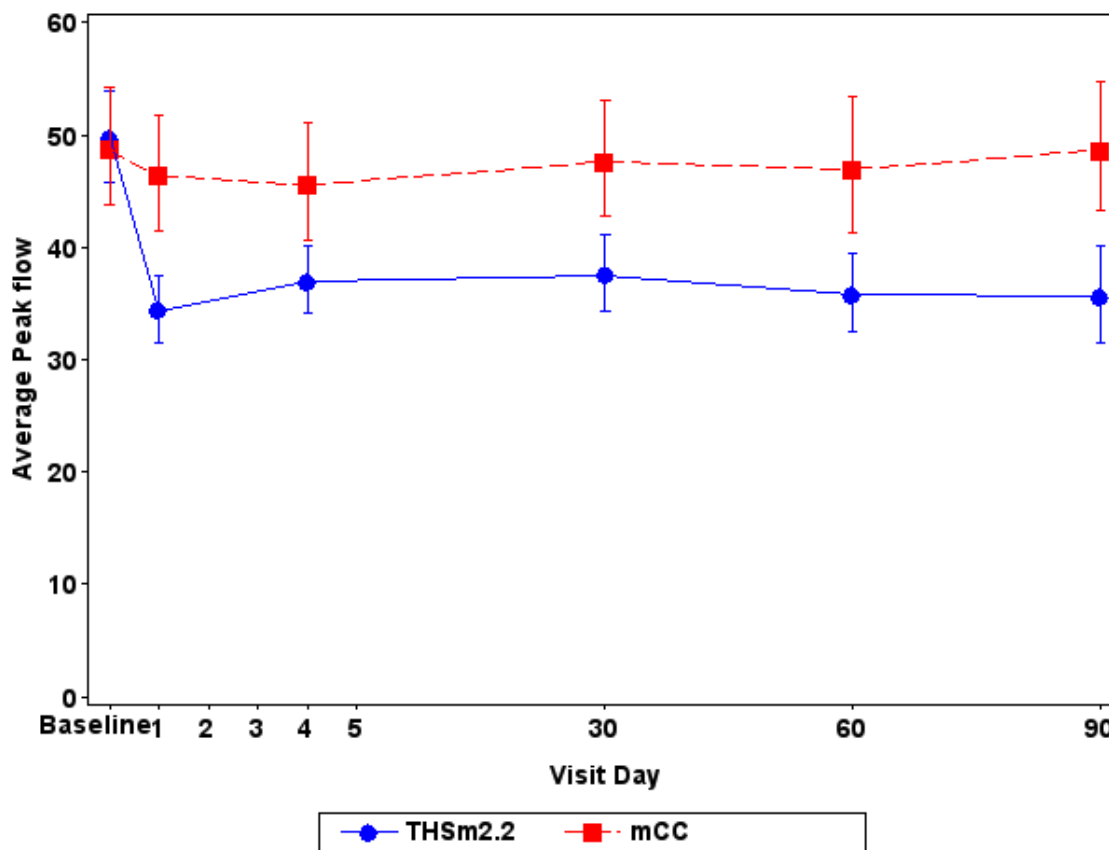
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Figure 15.1.2.10.1 HST Parameters Averaged Over the Visit Geometric Mean and 95% CI - PP Set



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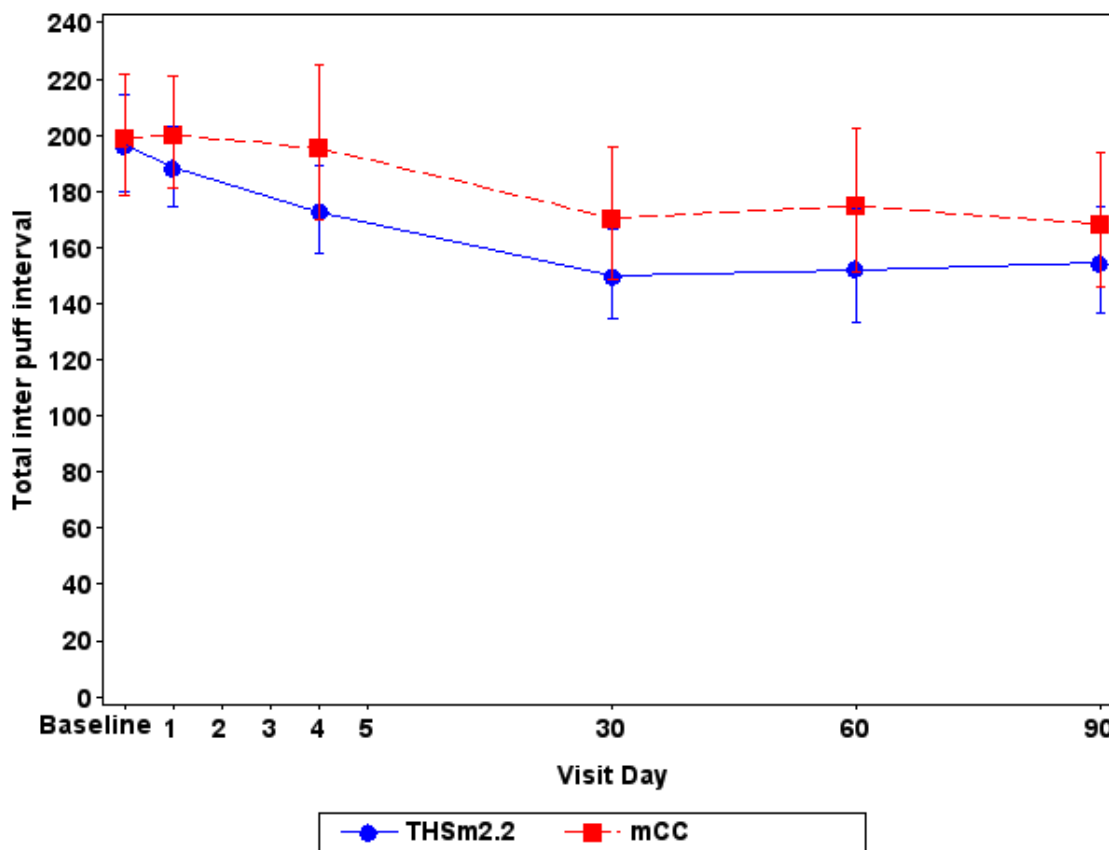
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Figure 15.1.2.10.1 HST Parameters Averaged Over the Visit Geometric Mean and 95% CI - PP Set



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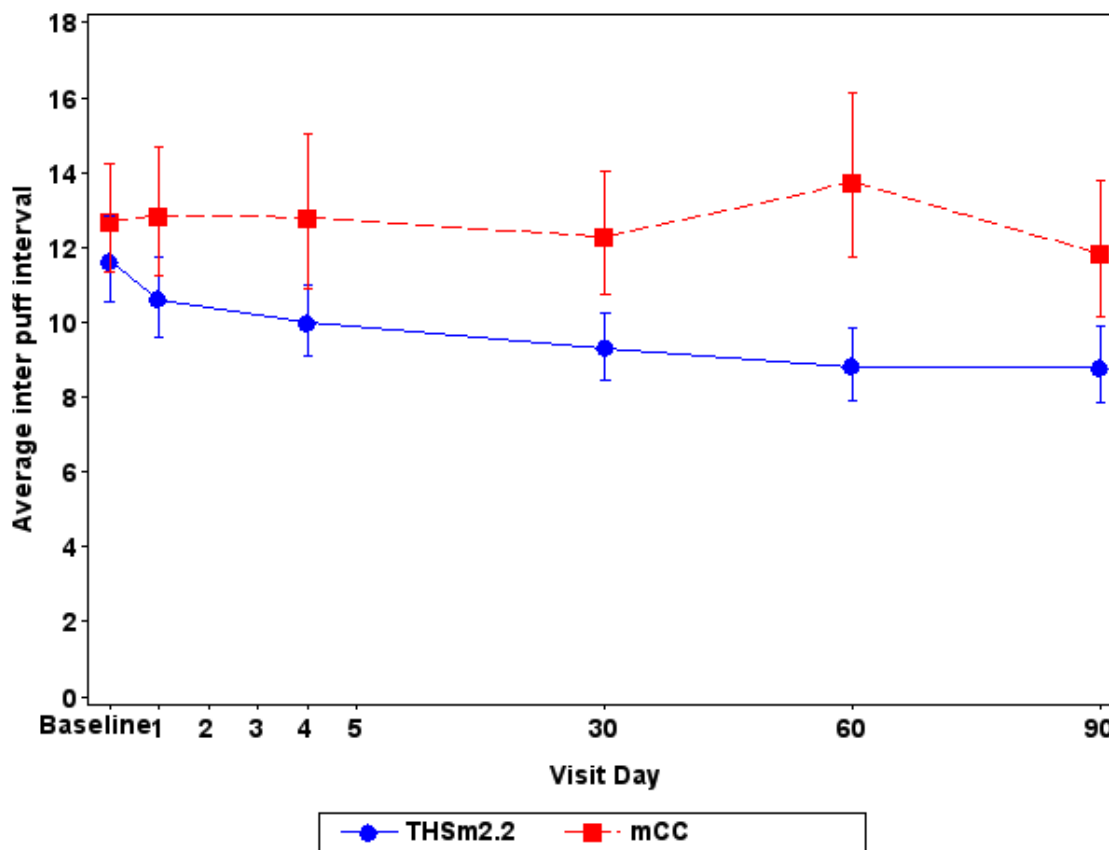
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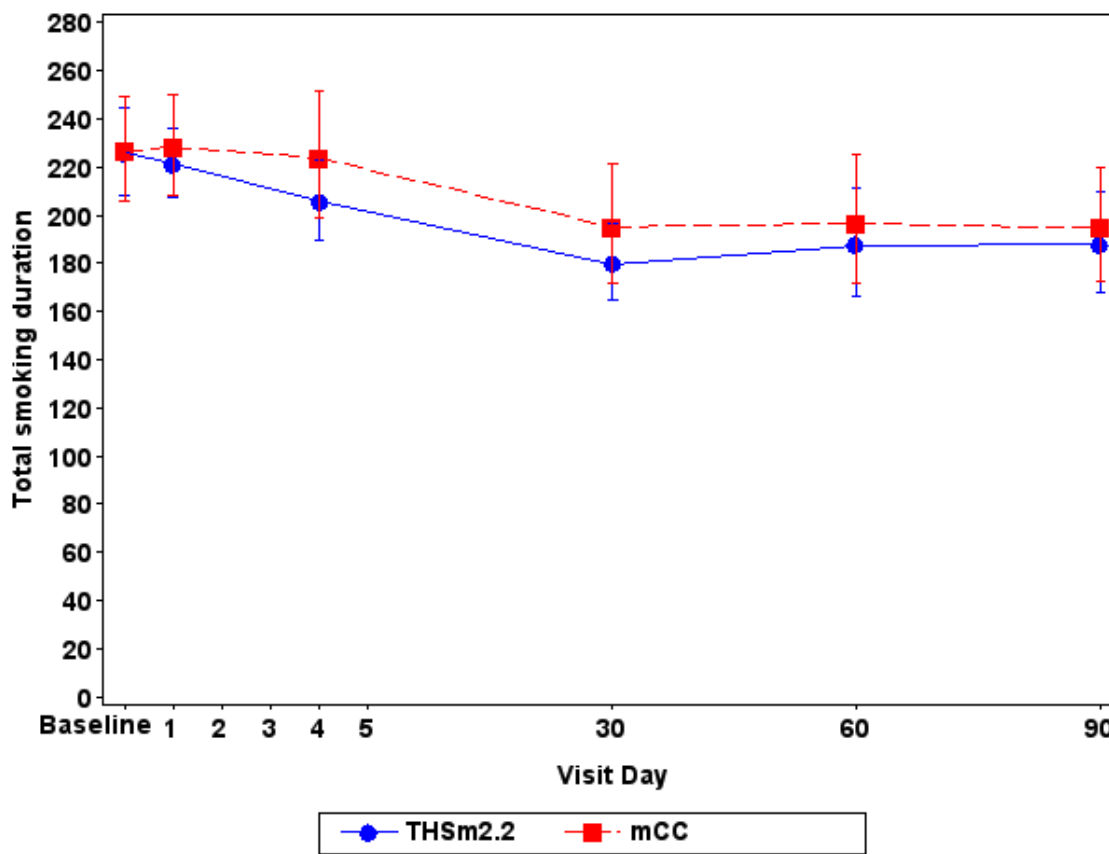
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Figure 15.1.2.10.1 HST Parameters Averaged Over the Visit Geometric Mean and 95% CI - PP Set



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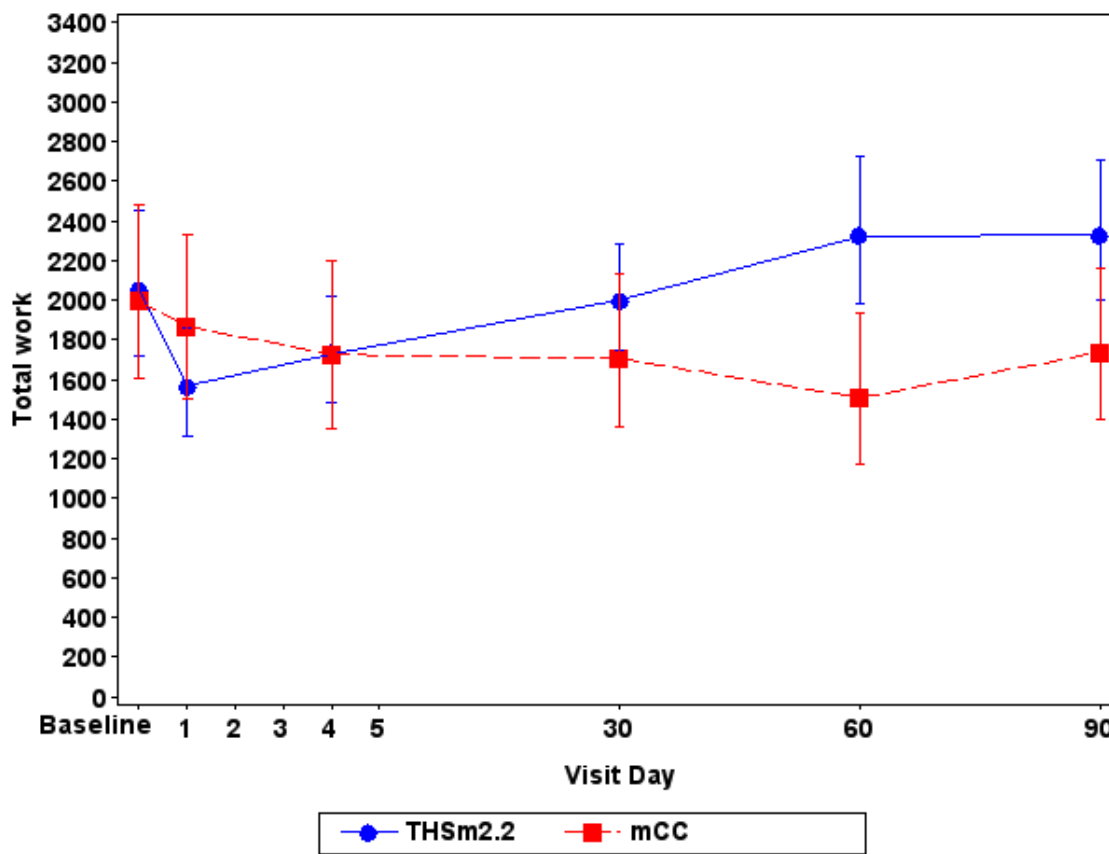
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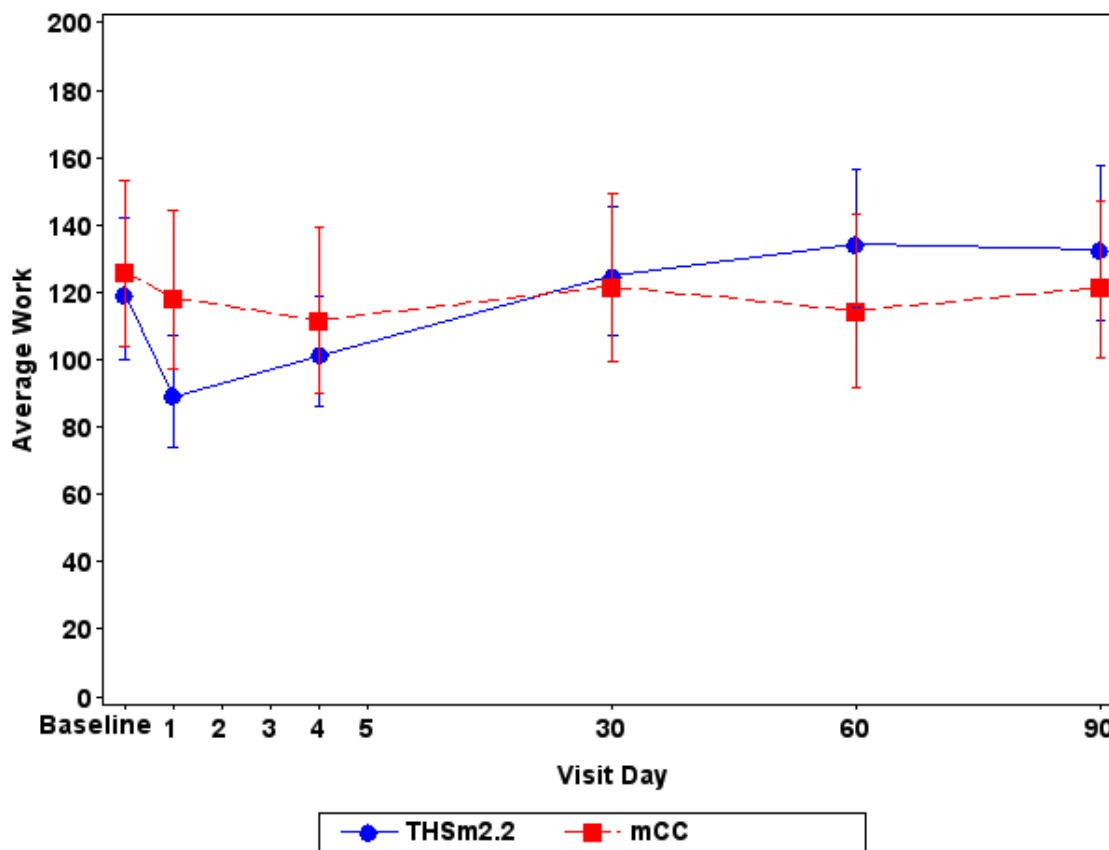
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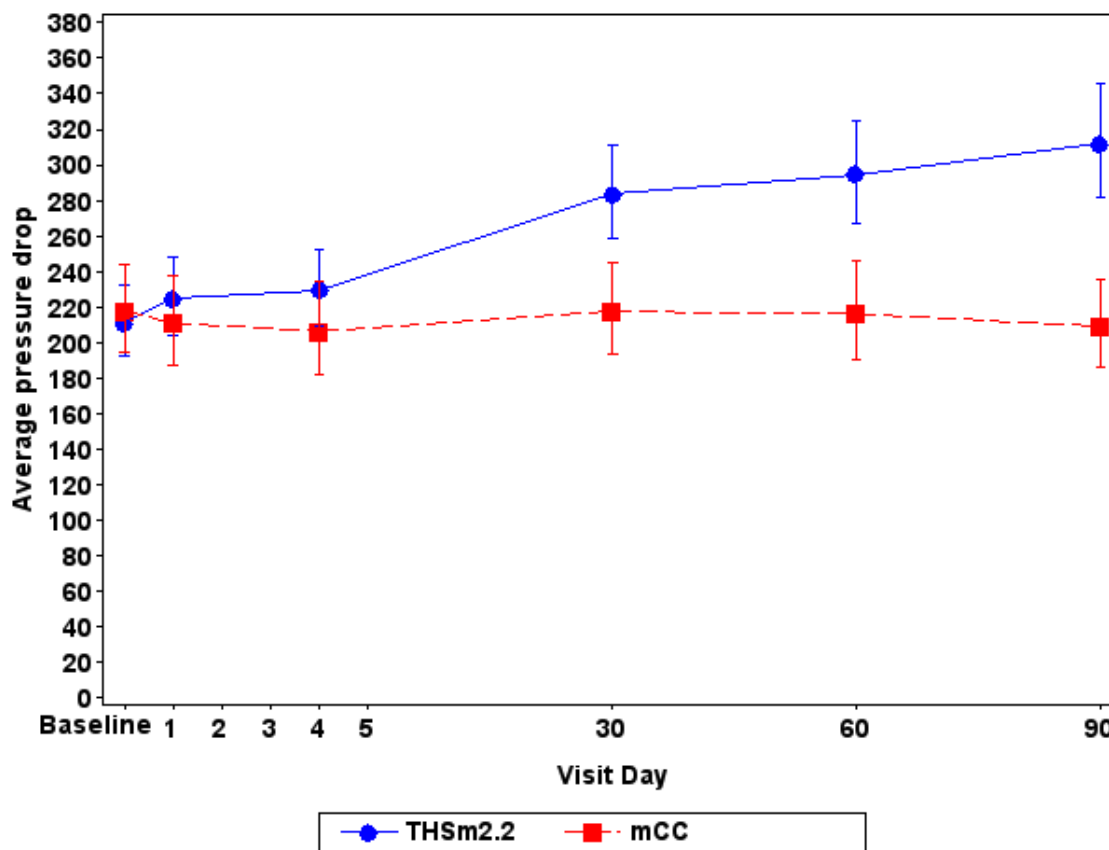
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Figure 15.1.2.10.1 HST Parameters Averaged Over the Visit Geometric Mean and 95% CI - PP Set



Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

Note: Baseline is the last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or last assessment prior to 06:29 AM in SA arm on Day 1.

Baseline is summarized using the baseline data from the PP Set for Period 1.

Note: HST parameters are averaged over the visit day.

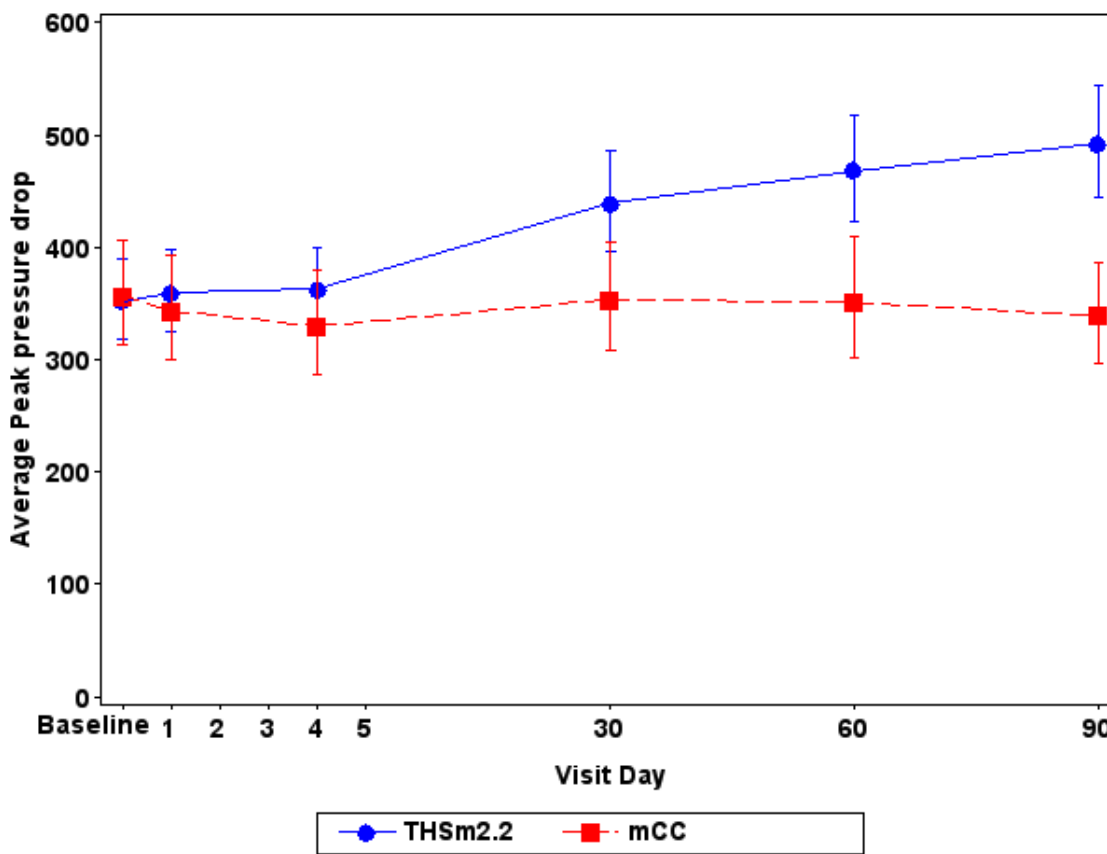
Appendix: 15.2.4.42.1

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Figure 15.1.2.10.1 HST Parameters Averaged Over the Visit Geometric Mean and 95% CI - PP Set



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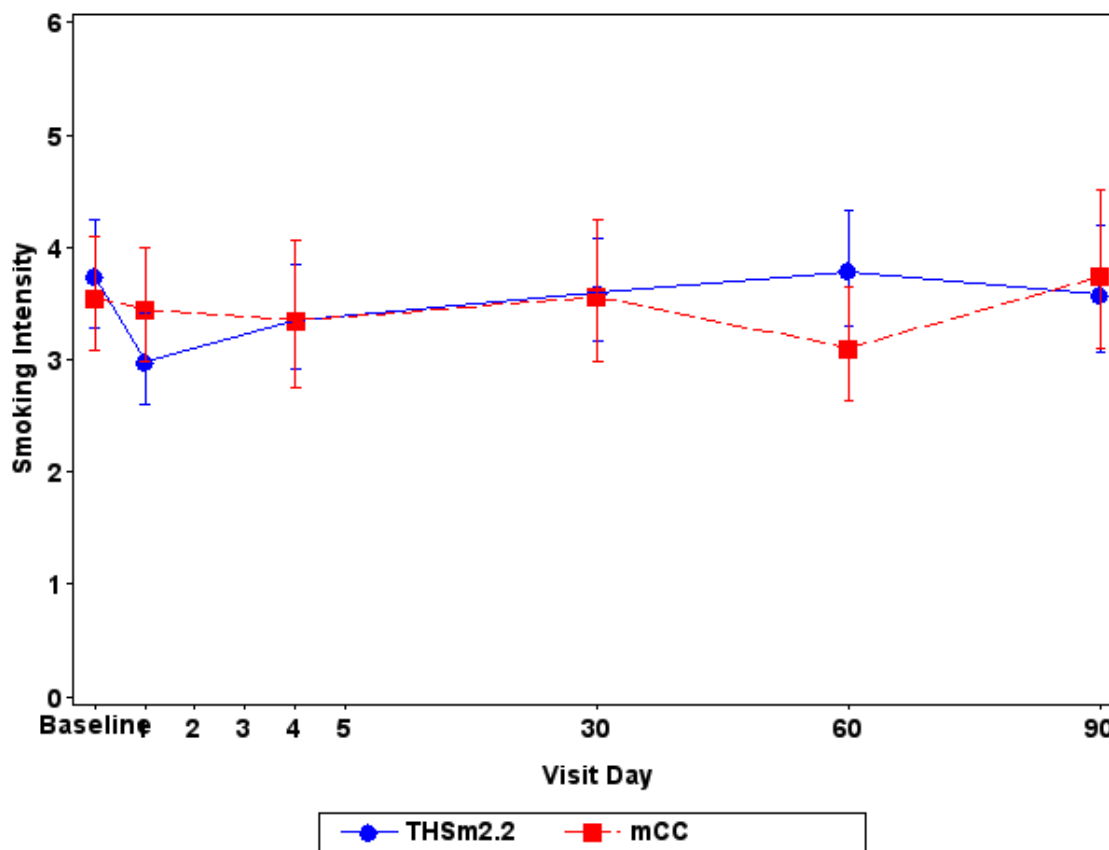
Appendix: 15.2.4.42.1

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Figure 15.1.2.10.1 HST Parameters Averaged Over the Visit Geometric Mean and 95% CI - PP Set



Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

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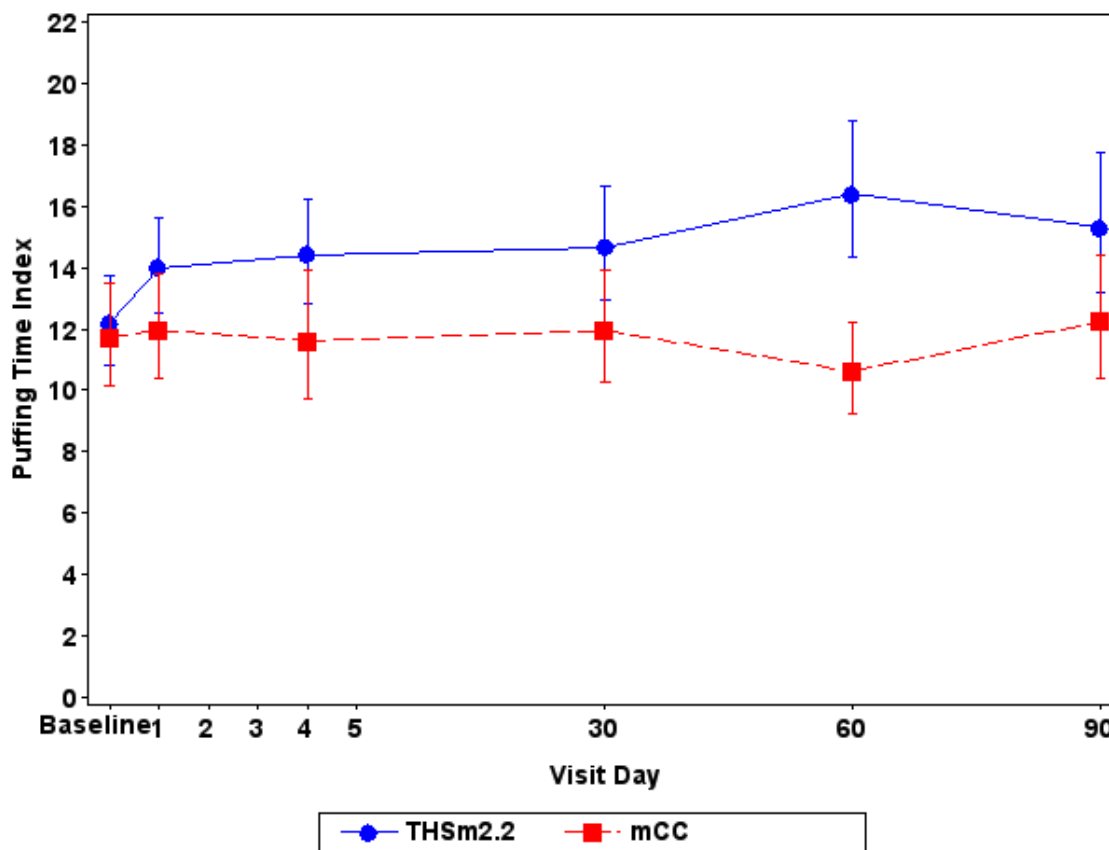
Appendix: 15.2.4.42.1

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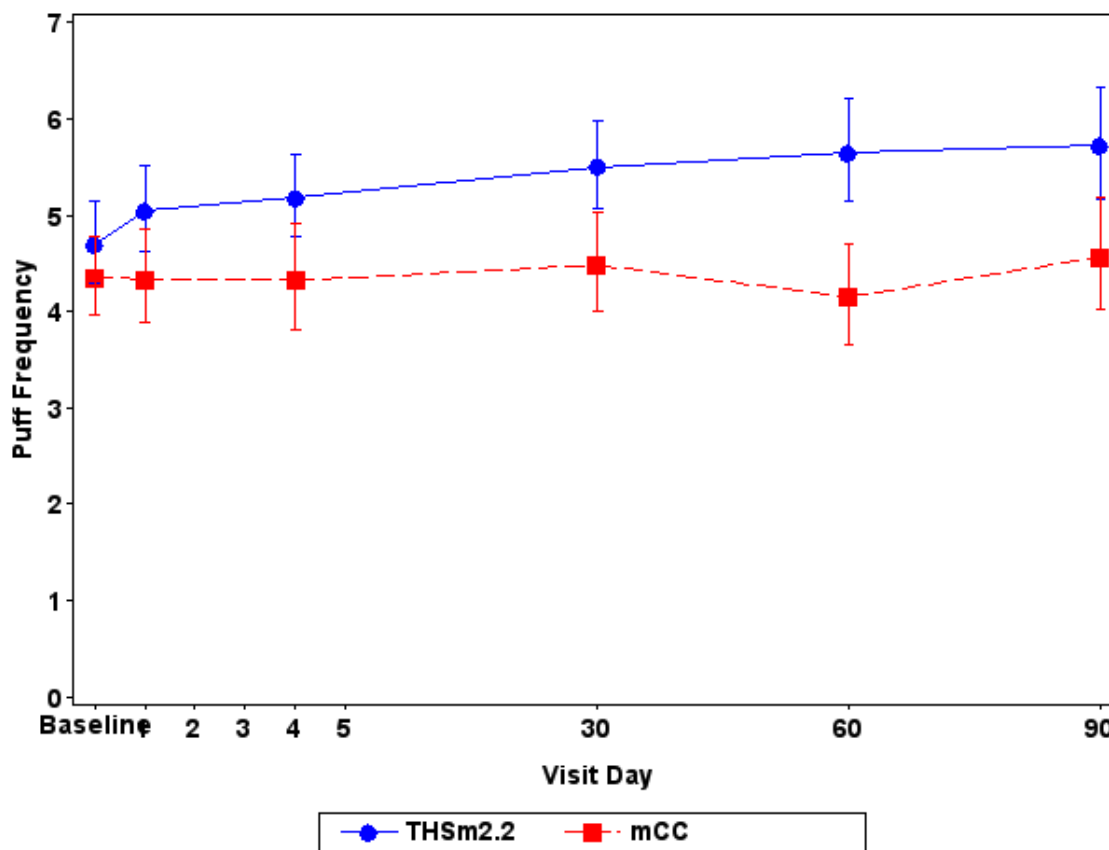
Appendix: 15.2.4.42.1

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Figure 15.1.2.10.1 HST Parameters Averaged Over the Visit Geometric Mean and 95% CI - PP Set



Note: mCC = Conventional menthol cigarettes; SA = Smoking abstinence; THSm2.2 = Tobacco Heating System 2.2 Menthol.

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15.1.3 Other Assessments

Not applicable.