Conducting Budget Impact Analysis (BIA) for Multiple HTA of Sodium-Glucose Cotransporter-2 Inhibitors (SGLT2i) -There Is More Than Meets The Eye

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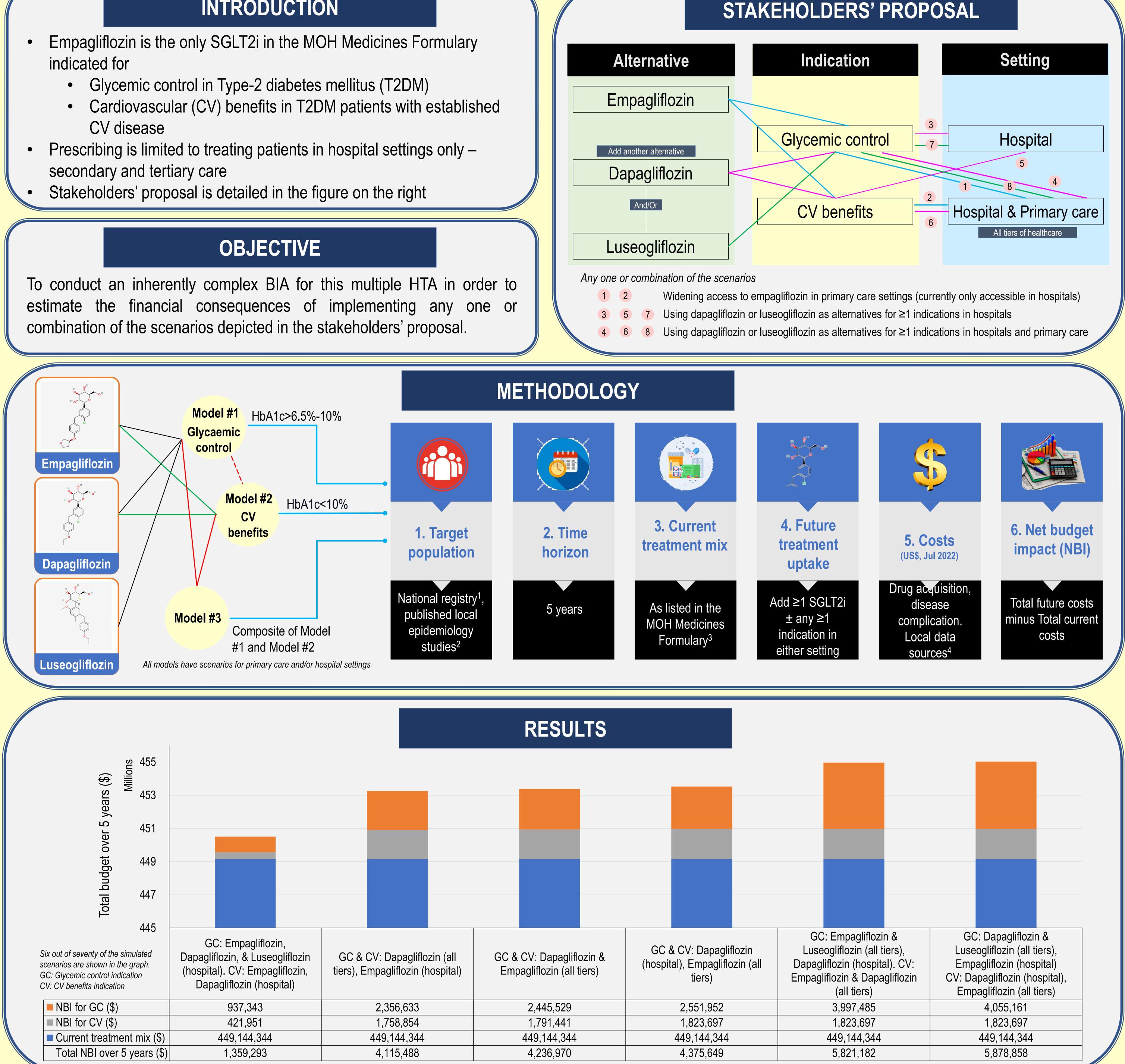
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INTRODUCTION

- Empagliflozin is the only SGLT2i in the MOH Medicines Formulary indicated for

 - CV disease
- secondary and tertiary care



RESULTS

- Lowest NBI in each model: \bullet
 - Model #1: \$0.94mil; Model #2: \$1.08mil, Model #3: \$1.36mil
- Lowest NBI in combination of scenarios: Dapagliflozin for use in all tiers while maintaining empagliflozin in hospital-only settings

CONCLUSION

- A complex budget impact model was developed
 - A wide range of scenarios (N = 70) was simulated and analyzed
- The comprehensive BIA became a good support for decision-making, as part of the economic evidence in the multiple HTA

REFERENCES

- National Diabetes Registry Report 2020 https://www.moh.gov.my/moh/resources/Penerbitan/Rujukan/NCD/Diabetes/National_Diabetes_Registry_Report_2020.pdf
- National Health and Morbidity Survey 2019 https://iku.moh.gov.my/images/IKU/Document/REPORT/NHMS2019/Report_NHMS2019-NCD_v2.pdf
- Ministry of Health Medicines Formulary https://www.pharmacy.gov.my/v2/en/documents/ministryhealth-medicines-formulary-mohmf.html
- Feisul IM et al. Med J Malaysia. 2017 Oct;72(5):271-277. 4.

ACKNOWLEDGEMENT

We would like to thank the Director General of Health Malaysia for his permission to present this study.