10 year Health Care Perspective

Tornado Diagram – ICER
Surgery vs. Controls

-400000 -350000 -300000 -250000 -200000 -150000 -100000 -50000 0 50000 100000 150000 200000 250000 300000

ICER

Cost standard care diabetes+ hypertension
Initial QALY surgery
Utility surgery no comorbidity
Cost surgery no comorbidity
Utility surgery hypertension
Utility standard care diabetes+ hypertension
Cost surgery hypertension
Utility surgery diabetes+ hypertension
Utility standard care hypertension
Probability of death standard care no comorbidity
Probability of death surgery diabetes+ hypertension
Initial Cost surgery
Initial QALY standard care
Cost standard care diabetes
Cost surgery diabetes+ hypertension

Appendix 6, as supplied by the authors. Appendix to: Lester ELW, Padwal RS, Birch DW, et al. The real world cost-effectiveness of bariatric surgery for the treatment of severe obesity: a cost–utility analysis. CMAJ Open 2021. DOI:10.9778/cmajo.20200188. Copyright © 2021 The Author(s) or their employer(s). To receive this resource in an accessible format, please contact us at cmajgroup@cmaj.ca.
Appendix 6, as supplied by the authors. Appendix to: Lester ELW, Padwal RS, Birch DW, et al. The real world cost-effectiveness of bariatric surgery for the treatment of severe obesity: a cost–utility analysis. CMAJ Open 2021. DOI:10.9778/cmajo.20200188. Copyright © 2021 The Author(s) or their employer(s). To receive this resource in an accessible format, please contact us at cmajgroup@cmaj.ca.
Lifetime Health Care Perspective

Tornado Diagram – ICER
Surgery vs. Controls
10 year Societal Perspective

Tornado Diagram – ICER
Surgery vs. Controls

Initial QALY surgery
Cost standard care diabetes+ hypertension
Utility standard care no comorbidity
Utility standard care hypertension
Cost surgery no comorbidity
Utility standard care diabetes+ hypertension
Cost surgery hypertension
Cost standard care diabetes
Utility surgery diabetes+ hypertension
Utility surgery hypertension
Initial QALY standard care
Initial cost surgery
Initial cost standard care
Probability of death standard care no comorbidity
Utility standard care no comorbidity

Appendix 6, as supplied by the authors. Appendix to: Lester ELW, Padwal RS, Birch DW, et al. The real world cost-effectiveness of bariatric surgery for the treatment of severe obesity: a cost–utility analysis. CMAJ Open 2021. DOI:10.9778/cmajo.20200188. Copyright © 2021 The Author(s) or their employer(s). To receive this resource in an accessible format, please contact us at cmajgroup@cmaj.ca.
Appendix 6, as supplied by the authors. Appendix to: Lester ELW, Padwal RS, Birch DW, et al. The real world cost-effectiveness of bariatric surgery for the treatment of severe obesity: a cost–utility analysis. CMAJ Open 2021. DOI:10.9778/cmaj.o.20200188. Copyright © 2021 The Author(s) or their employer(s). To receive this resource in an accessible format, please contact us at cmajgroup@cma.ca.
Lifetime Societal Perspective

Tornado Diagram – ICER
Surgery vs. Controls

Cost standard care diabetes+ hypertension
Cost surgery no comorbidities
Utility standard care hypertension
Cost surgery hypertension
Probability death standard care no comorbidity
Probability death standard care diabetes+ hypertension
Utility surgery no comorbidity
Utility standard care diabetes+ hypertension
Cost standard care diabetes
Cost death standard care
Utility surgery diabetes+ hypertension
Utility standard care hypertension
Probability develop diabetes standard care
Probability develop diabetes surgery
Cost surgery no diabetes+ hypertension
Tornado Diagram - ICER
Medical Therapy vs. Controls

Appendix 6, as supplied by the authors. Appendix to: Lester ELW, Padwal RS, Birch DW, et al. The real world cost-effectiveness of bariatric surgery for the treatment of severe obesity: a cost–utility analysis. CMAJ Open 2021. DOI:10.9778/cmajo.20200188.
Copyright © 2021 The Author(s) or their employer(s). To receive this resource in an accessible format, please contact us at cmajgroup@cmaj.ca.