

Menopause (update)

[B1] TSU NMA model fit statistics

NICE guideline NG23

Supplement 6

November 2024

FINAL

*Supplementary material was developed by the
NICE Technical Support Unit*

Disclaimer

The recommendations in this guideline represent the view of NICE, arrived at after careful consideration of the evidence available. When exercising their judgement, professionals are expected to take this guideline fully into account, alongside the individual needs, preferences and values of their patients or service users. The recommendations in this guideline are not mandatory and the guideline does not override the responsibility of healthcare professionals to make decisions appropriate to the circumstances of the individual patient, in consultation with the patient and/or their carer or guardian.

Local commissioners and/or providers have a responsibility to enable the guideline to be applied when individual health professionals and their patients or service users wish to use it. They should do so in the context of local and national priorities for funding and developing services, and in light of their duties to have due regard to the need to eliminate unlawful discrimination, to advance equality of opportunity and to reduce health inequalities. Nothing in this guideline should be interpreted in a way that would be inconsistent with compliance with those duties.

NICE guidelines cover health and care in England. Decisions on how they apply in other UK countries are made by ministers in the [Welsh Government](#), [Scottish Government](#), and [Northern Ireland Executive](#). All NICE guidance is subject to regular review and may be updated or withdrawn.

Copyright

© NICE 2024. All rights reserved. Subject to [Notice of rights](#).

ISBN: 978-1-4731-6574-8

Menopause (update): supplementary material 6. FINAL (November 2024)

Contents

Model fit statistics.....	6
----------------------------------	----------

Model fit statistics

Table 1: Dyspareunia

Model	SD	Within-class SD	Residual deviance	Datapoints	DIC
RE – fixed class effect	0.4 (0.24, 0.63)	-	52.8	53	100.4
RE – random class effect	0.39 (0.22, 0.64)	0.18 (0.01, 0.78)	53.3	53	101.3
RE – inconsistency	0.34 (0.16, 0.59)	-	55.2	53	102.7
RE – fixed class effect: bias adjustment	0.35 (0.14, 0.60)	-	52.6	53	101.3

Table 2: Dryness

Model	SD	Within-class SD	Residual deviance	Datapoints	DIC
RE – fixed class effect	0.36 (0.23, 0.57)	-	55.23	55	103.7
RE – random class effect	0.26 (0.03, 0.51)	0.37 (0.02, 1.06)	57.41	55	105.4
RE – inconsistency	0.39 (0.24, 0.65)	-	55.99	55	106.3
RE – fixed class effect: bias adjustment	0.35 (0.22, 0.58)	-	54.25	55	103.9

Table 3: Discomfort

Model	SD	Within-class SD	Residual deviance	Datapoints	DIC
RE – fixed class effect	0.25 (0.06, 0.57)	-	29.44	30	55.83
RE – random class effect	0.16 (0.01, 0.51)	0.33 (0.03, 1.46)	28.37	30	54.63
RE – inconsistency	0.24 (0.06, 0.59)	-	29.91	30	57.17
RE – fixed class effect: bias adjustment	0.19 (0.01, 0.56)	-	29.35	30	56.48

Table 4: Discontinuation due to adverse events

Model	SD	Within-class SD	Residual deviance	Datapoints	DIC
RE – fixed class effect	0.22 (0.01, 0.7)	-	64.21	67	104.5
RE – random class effect	0.2 (0.01, 0.67)	0.42 (0.02, 1.47)	62.87	67	104.89
RE – inconsistency	0.21 (0.01, 0.71)	-	65.85	67	108.78
RE – fixed class effect: bias adjustment	0.21 (0.01, 0.69)	-	62.86	67	112.94