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Supplementary Material

Article Title: Maternal Postnatal Depression and Completion of Infant Immunizations: A UK Cohort Study of 196,329 Mother-Infant Pairs, 2006–2015

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List of Supplementary Material for the article

1. [Appendix 1](#) British National Formulary Codes for Antidepressant Prescriptions

Disclaimer

This Supplementary Material has been provided by the author(s) as an enhancement to the published article. It has been approved by peer review; however, it has undergone neither editing nor formatting by in-house editorial staff. The material is presented in the manner supplied by the author.

Appendix 1. British National Formulary Codes for Antidepressant Prescriptions

Read code	Description
1B17.00	Depressed
1B17.11	C/O - feeling depressed
1B17.12	C/O - feeling unhappy
1B1U.00	Symptoms of depression
1B1U.11	Depressive symptoms
1BO..00	Mood swings
1BP..00	Loss of interest
1BP0.00	Loss of interest in previously enjoyable activity
1BQ..00	Loss of capacity for enjoyment
1BT..00	Depressed mood
1BT..11	Low mood
1BT..12	Sad mood
1BU..00	Loss of hope for the future
1JJ..00	Suspected depression
1S...00	Mental and psychological observations
1S4..00	Mood observations
2257.00	O/E - depressed
3885.00	Edinburgh postnatal depression scale
388a.00	Depression anxiety stress scales stress score
388b.00	Depression anxiety stress scales anxiety score
388f.00	Patient health questionnaire (PHQ-9) score
388g.00	Beck depression inventory second edition score
388J.00	Hospital anxiety and depression scale
388N.00	HAD scale: anxiety score
388P.00	HAD scale: depression score
388Z.00	Depression anxiety stress scales depression score
389L.00	Psychological assessment
389L000	Psychological wellbeing assessment
38C1.00	Mental health assessment
38Dp.00	HAMD - Hamilton rating scale for depression
38Dp.11	HRSD - Hamilton rating scale for depression
38Dq.00	MADRS - Montgomery-Asberg depression rating scale
38GJ000	EuroQol five dimension five level anxiety depression score
38Q0.00	Warwick-Edinburgh Mental Well-being Scale
62T1.00	Puerperal depression
6653.00	Initial psych. assessment
6654.00	Follow-up psych. assessment
6657.00	On lithium
6657.11	Lithium monitoring
6658.00	Psych. treatment change
6658000	Antidepressant drug treatment changed
6659.00	Psych.treatment started
6659000	Antidepressant drug treatment started

665A.00	Psych.treatment stopped
665A000	Antidepressant drug treatment stopped
67...11	Counselling
671..00	Counselling - general
6712.00	Counselling offered
6713.00	Counselling not wanted
6714.00	Counselling carried out
6715.00	Counselling by other agency
671Z.00	Counselling - general NOS
672..00	Person counselled
6721.00	Patient counselled
6731.00	Counselled by a doctor
6733.00	Counselled by a health visitor
6736.00	Counselled by a counsellor
6779.00	Psychological counselling
677A.00	Psychosexual counselling
67IK.00	Advice about psychological well-being
6891.00	Depression screen
6891000	Assessment using Whooley depression screen
6896.00	Depression screening using questions
69C2.00	Individual psych. exam.
6A6..00	Mental health review
6A60.00	Mental health review follow-up
6A8..00	Psychological review
6G0..00	Postnatal counselling
6G00.00	Postnatal depression counselling
7L1a.00	Cognitive behavioural therapy
7L1a000	Cognitive behavioural therapy by unidisciplinary team
7L1a100	Cognitive behavioural therapy by multidisciplinary team
7L1ay00	Other specified cognitive behavioural therapy
7L1az00	Cognitive behavioural therapy NOS
8A2..00	Psychiatric monitoring
8A21.00	Psychiatric observation
8A2Z.00	Psychiatric monitoring NOS
8BK0.00	Depression management programme
8CAa.00	Patient given advice about management of depression
8CE9.00	Mental health information leaflet given
8CM2.00	Psychiatry care plan
8CQ..00	Mental health crisis plan
8CR7.00	Mental health personal health plan
8CV3.00	Psychological therapy started
8Cx1000	Discussion about mental health for maternal wellbeing
8G...11	Psychotherapy
8G10.00	Psychotherapy - behavioural

8G11.00	Psychotherapy - cognitive
8G13.00	Cognitive-behaviour therapy
8G21.00	Family therapy
8G43.00	Disabling psych.problem rehab.
8G51.00	Group psychotherapy
8G51000	Group cognitive behavioural therapy
8G94.00	Anxiety management training
8G95.00	Brief solution focused therapy
8G97.00	Bibliotherapy
8G9B.00	Sleep hygiene behaviour education
8GA..00	Psychological nursing
8H23.00	Admit psychiatric emergency
8H23000	Emerg psychiatric admiss MHA
8H34.00	Psychiatric day care
8H38.00	Non-urgent psychiatric admisn.
8H49.00	Psychiatric referral
8H78.00	Refer to counsellor
8H7A.00	Refer to mental health worker
8H7B.00	Refer to community psych.nurse
8H7B.11	Refer to CPN
8H7T.00	Refer to psychologist
8H7W.00	Refer to TOP counselling
8HB8.00	Mental therapy follow-up
8HBK.00	Mental health triage nurse follow up
8Hc..00	Referral to mental health team
8Hc1.00	Referral to mental health crisis team
8HHq.00	Referral for guided self-help for depression
8HHq000	Referral for depression self-help video
8HHT.00	Referral to psychotherapist
8HkK.00	Referral to IAPTprogramme
8HTc.00	Referral to psychosexual clinic
8HVi.00	Private referral to psychologist
8HVO.00	Private referral to psychiatrist
8I3F.00	Edinburgh postnatal depression scale at 8 months declined
8I3G.00	Edinburgh postnatal depression scale declined
8I3y.00	Psychological therapy declined
8ID..00	Postnatal depression not discussed
8IE5.00	Mental health assessment declined
8IE5100	Hospital Anxiety and Depression Scale declined
8IH3100	Depression screening declined
8IH5200	Referral for guided self-help for depression declined
8M8..00	Counselling requested
9bA..00	Psychiatry
9bA2.00	Child and adolescent psychiatry

9bA4.00	Psychotherapy (specialty)
9H90.00	Depression annual review
9H91.00	Depression medication review
9H92.00	Depression interim review
9HA0.00	On depression register
9k4..00	Depression - enhanced services administration
9k40.00	Depression - enhanced service completed
9kQ..00	On full dose long term treatment depression - enh serv admin
9kQ..11	On full dose long term treatment for depression
9N0B.00	Seen in psychogeriatric clinic
9N1a.00	Seen in plastic surgery clinic
9N1M.00	Seen in psychology clinic
9N1T.00	Seen in psychiatry clinic
9N1yA00	Seen in psychogeriatric clinic
9N2a.00	Seen by community psychiatric nurse
9N2a.11	Seen by CPN
9N2B.00	Seen by counsellor
9N2r.00	Seen by mental health triage nurse
9N2W.00	Seen by psychologist
9N4g.00	DNA - Did not attend psychiatry clinic
9N6h.00	Referral by mental health service
9NI6.00	Psychiatric outreach clinic
9NJ1.00	In-house counselling
9NJc.00	In-house psychiatry discharge
9NJR.00	In-house counselling first appointment
9NJS.00	In-house counselling discharge
9Nk6.00	Seen in mental health clinic
9NIK.00	Seen by psychotherapist
9NN5.00	Under care of psychiatrist
9NN7.00	Under care of mental health team
9NNE.00	Under the care of psychologist
9NNM.11	Under care of CPN
9OI..00	Mental health monitoring administration
9OI0.00	Mental health monitoring first letter
9OI1.00	Mental health monitoring second letter
9OI2.00	Mental health monitoring third letter
9Ov..00	Depression monitoring administration
9Ov0.00	Depression monitoring first letter
9Ov1.00	Depression monitoring second letter
9Ov2.00	Depression monitoring third letter
9Ov3.00	Depression monitoring verbal invite
9Ov4.00	Depression monitoring telephone invite
E112.00	Single major depressive episode
E112.11	Agitated depression

E112.12	Endogenous depression first episode
E112.13	Endogenous depression first episode
E112.14	Endogenous depression
E112000	Single major depressive episode, unspecified
E112100	Single major depressive episode, mild
E112200	Single major depressive episode, moderate
E112300	Single major depressive episode, severe, without psychosis
E112400	Single major depressive episode, severe, with psychosis
E112500	Single major depressive episode, partial or unspec remission
E112600	Single major depressive episode, in full remission
E112z00	Single major depressive episode NOS
E113.00	Recurrent major depressive episode
E113.11	Endogenous depression - recurrent
E113000	Recurrent major depressive episodes, unspecified
E113100	Recurrent major depressive episodes, mild
E113200	Recurrent major depressive episodes, moderate
E113300	Recurrent major depressive episodes, severe, no psychosis
E113400	Recurrent major depressive episodes, severe, with psychosis
E113500	Recurrent major depressive episodes, partial/unspec remission
E113600	Recurrent major depressive episodes, in full remission
E113700	Recurrent depression
E113z00	Recurrent major depressive episode NOS
E118.00	Seasonal affective disorder
E11y200	Atypical depressive disorder
E11z200	Masked depression
E130.11	Psychotic reactive depression
E135.00	Agitated depression
E200300	Anxiety with depression
E204.00	Neurotic depression reactive type
E204.11	Postnatal depression
E211200	Depressive personality disorder
E290.00	Brief depressive reaction
E290z00	Brief depressive reaction NOS
E291.00	Prolonged depressive reaction
E2B..00	Depressive disorder NEC
E2B0.00	Postviral depression
E2B1.00	Chronic depression
Eu3..00	[X]Mood - affective disorders
Eu32.00	[X]Depressive episode
Eu32.11	[X]Single episode of depressive reaction
Eu32.12	[X]Single episode of psychogenic depression
Eu32.13	[X]Single episode of reactive depression
Eu32000	[X]Mild depressive episode
Eu32100	[X]Moderate depressive episode

Eu32200	[X]Severe depressive episode without psychotic symptoms
Eu32211	[X]Single episode agitated depressn w/out psychotic symptoms
Eu32212	[X]Single episode major depression w/out psychotic symptoms
Eu32213	[X]Single episode vital depression w/out psychotic symptoms
Eu32300	[X]Severe depressive episode with psychotic symptoms
Eu32311	[X]Single episode of major depression and psychotic symptoms
Eu32312	[X]Single episode of psychogenic depressive psychosis
Eu32313	[X]Single episode of psychotic depression
Eu32314	[X]Single episode of reactive depressive psychosis
Eu32400	[X]Mild depression
Eu32500	[X]Major depression, mild
Eu32600	[X]Major depression, moderately severe
Eu32700	[X]Major depression, severe without psychotic symptoms
Eu32800	[X]Major depression, severe with psychotic symptoms
Eu32900	[X]Single major depr ep, severe with psych, psych in remiss
Eu32A00	[X]Recurr major depr ep, severe with psych, psych in remiss
Eu32B00	[X]Antenatal depression
Eu32y00	[X]Other depressive episodes
Eu32y11	[X]Atypical depression
Eu32y12	[X]Single episode of masked depression NOS
Eu32z00	[X]Depressive episode, unspecified
Eu32z11	[X]Depression NOS
Eu32z12	[X]Depressive disorder NOS
Eu32z13	[X]Prolonged single episode of reactive depression
Eu32z14	[X]Reactive depression NOS
Eu33.00	[X]Recurrent depressive disorder
Eu33.11	[X]Recurrent episodes of depressive reaction
Eu33.12	[X]Recurrent episodes of psychogenic depression
Eu33.13	[X]Recurrent episodes of reactive depression
Eu33.14	[X]Seasonal depressive disorder
Eu33.15	[X]SAD - Seasonal affective disorder
Eu33000	[X]Recurrent depressive disorder, current episode mild
Eu33100	[X]Recurrent depressive disorder, current episode moderate
Eu33200	[X]Recurr depress disorder cur epi severe without psyc sympt
Eu33211	[X]Endogenous depression without psychotic symptoms
Eu33212	[X]Major depression, recurrent without psychotic symptoms
Eu33213	[X]Manic-depress psychosis,depressd,no psychotic symptoms
Eu33214	[X]Vital depression, recurrent without psychotic symptoms
Eu33300	[X]Recurrent depress disorder cur epi severe with psyc symp
Eu33311	[X]Endogenous depression with psychotic symptoms
Eu33312	[X]Manic-depress psychosis,depressed type+psychotic symptoms
Eu33313	[X]Recurr severe episodes/major depression+psychotic symptom
Eu33314	[X]Recurr severe episodes/psychogenic depressive psychosis
Eu33315	[X]Recurrent severe episodes of psychotic depression

Eu33316	[X]Recurrent severe episodes/reactive depressive psychosis
Eu33400	[X]Recurrent depressive disorder, currently in remission
Eu33y00	[X]Other recurrent depressive disorders
Eu33z00	[X]Recurrent depressive disorder, unspecified
Eu33z11	[X]Monopolar depression NOS
Eu34.00	[X]Persistent mood affective disorders
Eu34000	[X]Cyclothymia
Eu34100	[X]Dysthymia
Eu34111	[X]Depressive neurosis
Eu34113	[X]Neurotic depression
Eu34114	[X]Persistant anxiety depression
Eu3y011	[X]Mixed affective episode
Eu3y111	[X]Recurrent brief depressive episodes
Eu3y200	[X]Premenstrual dysphoric disorder
Eu41200	[X]Mixed anxiety and depressive disorder
Eu41211	[X]Mild anxiety depression
Eu53.00	[X]Mental and behav disorders assoc with the puerperium NEC
Eu53000	[X]Mild mental/behav disorder assoc with the puerperium NEC
Eu53011	[X]Postnatal depression NOS
Eu53012	[X]Postpartum depression NOS
Eu53100	[X]Severe mental and behav disorder assoc wth puerperium NEC
Eu53111	[X]Puerperal psychosis NOS
Eu53y00	[X]Oth mental and behav disorders assoc with puerperium NEC
Eu53z00	[X]Puerperal mental disorder, unspecified
L184.00	Mental disorders in pregnancy, childbirth and the puerperium
L184000	Mental disorder - unspec whether in pregnancy/puerperium
L184100	Mental disorder during pregnancy - baby delivered
L184200	Mental disorder in the puerperium - baby delivered
L184300	Mental disorder during pregnancy - baby not yet delivered
L184400	Mental disorder in puerperium - baby previously delivered
L184z00	Mental disorder during pregnancy/childbirth/puerperium NOS
Q018.00	Fetus or neonate affected by maternal postnatal depression
R007z13	[D]Postoperative depression
Z4...00	Counselling
Z48..00	Coping strategy counselling
Z4L..00	Psychological counselling
Z4Q..00	Sexual dysfunction counselling
Z4Q..11	Counselling for sexual dysfunction
Z5...00	Psychotherapy
Z52..00	Cognitive and behavioural therapy
Z521.00	Cognitive - behaviour therapy
Z521.11	CBT - Cognitive - behaviour therapy
Z521.13	Cognitive-behaviour therapy
Z522.11	Behaviour therapy

Z575.00	Expressed emotion family therapy
Z5A3.00	Psychodynamic psychotherapy
Z9M7.00	Emotional support
Z9M7.11	Psychological support
ZL1B.00	Under care of psychiatrist
ZL1B300	Under care of liaison psychiatrist
ZL23111	Under care of CPN
ZL31.00	Under care of counsellor
ZL5B.00	Referral to psychiatrist
ZL62E00	Referral to psychiatric nurse
ZL73.00	Referral to counsellor
ZL73.11	Refer to counsellor
ZL73400	Referral to mental health counsellor
ZL77.00	Referral to psychotherapist
ZL78.00	Referral to psychologist
ZL78.11	Refer to psychologist
ZL9D.00	Seen by psychiatrist
ZL9D300	Seen by liaison psychiatrist
ZLA2E00	Seen by psychiatric nurse
ZLA3100	Seen by community psychiatric nurse
ZLA3111	Seen by CPN
ZLB5.00	Seen by mental health counsellor
ZLBB.00	Seen by psychologist
ZLBC.00	Seen by psychotherapist
ZLD1.00	Discharge by counsellor
ZLD1400	Discharge by mental health counsellor
ZLD2a00	Discharge by psychiatrist
ZLD7C00	Discharge by psychiatric nurse
ZLD8111	Discharge by CPN
ZLDB.00	Discharge by psychotherapist
ZLE9.00	Discharge from psychiatry service
ZLED.00	Discharge from psychotherapy service
ZLF2200	Discharge from psychiatry day hospital
ZR2A.00	Beck depression inventory
ZR2A.11	BDI - Beck depression inventory
ZR2h.00	Brief depression rating scale
ZR2h.11	BDRS - Brief depression rating scale
ZR7..00	Depression anxiety scale
ZR8..00	Depression self rating scale
ZR8..11	DSRS - Depression self rating scale
ZRaH.00	Mood affective checklist
ZRaH.11	MACL - Mood affective checklist
ZRBY.00	Edinburgh postnatal depression scale
ZRBY.11	EPDS - Edinburgh postnatal depression scale

ZRLfH00	Health of the Nation Outcome Scale item 7 - depressed mood
ZRLfH11	HoNOS item 7
ZRLfH12	HoNOS item 7
ZRLfI00	Health of the Nation Outcome Scale item 7 - depressed mood
ZRLr.00	Hospital anxiety and depression scale
ZRLr.11	HAD - Hospital anxiety and depression scale
ZRLr.12	HADS - Hospital anxiety and depression scale
ZRLU.00	Hamilton rating scale for depression
ZRLU.11	HAMD - Hamilton rating scale for depression
ZRLU.12	HRSD - Hamilton rating scale for depression
ZRrc.00	Zung self-rating depression scale
ZRrc.11	SDS - Zung self-rating depression scale
ZRrl.00	Wakefield self-assessment depression inventory
ZRrl.11	Wakefield inventory
ZRrY.00	WHO depression scale
ZRVM.00	Leeds scale for the self-assessment of anxiety & depression
ZV79000	[V]Screening for depression