



Australian Pregnancy Register for Women on Antiepileptic Medication

1800 069 722 | www.apr.org.au

Principal Investigator: Prof Frank Vajda AO

Research Coordinators: Ms Janet Graham & Ms Alison Hitchcock

Journal Articles

Contemporary management of epilepsy in pregnancy

O'Brien TJ, Vajda FJ

Aust N Z J Obstet Gynaecol, 2000 Nov; 40 (4):413-5

The Australian registry of anti-epileptic drugs in pregnancy: experience after 30 months:

Frank J. Vajda, Terence J. O'Brien, Alison Hitchcock, Janet Graham, Cecilie Lander;

Journal of Clinical Neuroscience (2003) 10(5), 543-549

Critical relationship between sodium valproate dose and human teratogenicity: results of the Australian register of anti-epileptic drugs in pregnancy: Frank J. Vajda, Terence J. O'Brien,

Alison Hitchcock, Janet Graham, Mark Cook, Cecilie Lander, Mervyn Eadie;

Journal of Clinical Neuroscience (2004)

Maternal valproate dosage and foetal malformations: Vajda FJ, Eadie MJ

Acta Neurol Scand. 2005 Sep; 112 (3): 137-43

Should valproate be taken during pregnancy?

Eadie MJ, Vajda FJ

Ther Clin Risk Manag. 2005 Mar; 1(1):21-6

Foetal malformations and seizure control: 52 months data of the Australian Pregnancy

Registry: F.J.E Vajda, A. Hitchcock, J. Graham, C. Solinas, T.J. O'Brien, C.M Lander M.J.

Eadie; European Journal of Neurology 2006, 13: 645- 654

Pregnancies in women with epilepsy: FJE Vajda, T O'Brien, J Graham, A Hitchcock, C

Lander, M Eadie; J R Coll Physicians Edinb 2006; 36: 201-207

Changing Australian prescribing patterns for antiepileptic drugs in pregnancy and their

possible consequences: F.J.E Vajda, C.M Lander, A. Hitchcock, J. Graham, C. Solinas,

T.O'Brien, M.J. Eadie; Journal of Clinical Neuroscience (2007 Jul;14) 611-617

The Australian antiepileptic drug in pregnancy register: aspects of data collection and

analysis: Vajda FJ, O'Brien T, Hitchcock A, Graham J, Lander C, Eadie M;

Journal of Clinical Neuroscience (2007) Oct; 14 (10):936-42

The Australian Register of Antiepileptic Drugs in Pregnancy: The first 1002 pregnancies;

Frank J.E. Vajda, Alison Hitchcock, Janet Graham, Terence O'Brien, Cecilie Lander and

Mervyn Eadie; Australian and New Zealand Journal of Obstetrics and Gynaecology 2007; 47:

468-474



Australian Pregnancy Register for Women on Antiepileptic Medication

1800 069 722 | www.apr.org.au

Principal Investigator: Prof Frank Vajda AO

Research Coordinators: Ms Janet Graham & Ms Alison Hitchcock

Seizure control in antiepileptic drug-treated pregnancy: Frank J.E. Vajda, Alison Hitchcock, Janet Graham, Terence O'Brien, Cecilie Lander and Mervyn Eadie; *Epilepsia* 49(1):172-175, 2008

The internal control group in a register of antiepileptic drug use in pregnancy: Frank J.E. Vajda, Terence O'Brien, Alison Hitchcock, Janet Graham, Cecilie Lander and Mervyn Eadie; *Journal of Clinical Neuroscience* 15 (2008) 29-35

The teratogenic risk of antiepileptic drug polytherapy
Vajda FJ, Hitchcock AA, Graham J, O'Brien TJ, Lander CM, Eadie MJ.
Epilepsia.2010 May; 51(5):805-10

Changing Patterns of antiepileptic drug use in pregnant Australian women
Vajda FJ, Hollingworth S, Graham J, Hitchcock AA, O'Brien TJ, Lander CM, Eadie MJ.
Acta Neurol Scand.2010 Feb; 121(2):89-93

Is lamotrigine a significant human teratogen? Observations from the Australian Pregnancy Register.
Vajda FJ, Graham JE, Hitchcock AA, O'Brien TJ, Lander CM, Eadie MJ.
Seizure.2010 Nov; 19(9):558-61

The Australian Pregnancy register of Antiepileptic Drugs: 10 years of progress
Vajda FJ
J Clin Neurosci.2010 Dec; 17(12):1485-8

Foetal malformations after exposure to antiepileptic drugs in utero assessed at birth and 12 months later: Observations from the Australian Pregnancy Register
Vajda FJ, Graham J, Hitchcock AA, O'Brien TJ, Lander CM, Eadie MJ.
Acta Neurol Scand.2011 Jul; 124(1):9-12

The rationale for pregnancy registers for women with epilepsy.
Vajda FJ, O'Brien TJ, Lander CM, Eadie MJ
Med J Aust. 2011 Jul 4; 195(1):8-9

The prescribing of antiepileptic drugs for pregnant Australian women
Vajda FJ, Horgan D, Hollingworth S, Graham J, Hitchcock AA, Roten A, O'Brien TJ, Lander CM, Eadie MJ. *Aust N Z J Obstet Gynaecol*.2012 Feb; 52(1):49-53

Teratogenicity of the newer antiepileptic drugs- The Australian experience
Vajda FJ, Graham J, Roten A, Lander CM, O'Brien TJ, Eadie MJ.
J Clin Neurosci.2012 Jan; 19(1):57-9



Australian Pregnancy Register for Women on Antiepileptic Medication

1800 069 722 | www.apr.org.au

Principal Investigator: Prof Frank Vajda AO

Research Coordinators: Ms Janet Graham & Ms Alison Hitchcock

Teratogenesis in repeated pregnancies in antiepileptic drug-treated women

Vajda FJ, O'Brien TJ, Lander CM, Graham J, Roten A, Eadie MJ.

Epilepsia.2013 Jan; 54(1):181-6

Associations between particular types of foetal malformation and antiepileptic drug exposure in utero.

Vajda FJ, O'Brien TJ, Graham J, Lander CM, Eadie MJ.

Acta Neurol Scand.2013 Oct; 128(4):228-34

Dose dependence of foetal malformations associated with valproate

Vajda FJ, O'Brien TJ, Graham JE, Lander CM, Eadie MJ.

Neurology.2013 Sep 10; 81(11):999-1003

Effect of antiepileptic drug therapy on the unborn child

Vajda FJ J Clin Neurosci.2014 May; 21(5):716-21

Prediction of the hazard of foetal malformation in pregnant women with epilepsy

Vajda FJ, O'Brien TJ, Graham J, Lander CM, Eadie MJ.

Epilepsy Res. 2014 Aug; 108(6): 1013-7.

The Australian Register of antiepileptic drugs in pregnancy: changes over time in the epileptic population

Vajda FJ, O'Brien TJ, Graham J, Lander CM, Eadie MJ.

J Clin Neurosci.2014 Sep; 21(9):1478-82

The efficacy of the newer antiepileptic drugs in controlling seizures in pregnancy.

Vajda FJ, O'Brien T, Lander C, Graham J, Eadie M

Epilepsia.2014 Aug; 55(8):1229-34

The teratogenicity of the newer antiepileptic drugs- an update

Vajda FJ, O'Brien TJ, Lander CM, Graham J, Eadie MJ

Acta Neurol Scand.2014 Oct; 130(4):234-8

The Clinical pharmacology of traditional antiepileptic drugs

Vajda FJ, Eadie MJ

Epileptic Disord.2014 Dec; 16(4):395-408.

The outcomes of pregnancy in women with untreated epilepsy

Vajda FJ, O'Brien TJ, Graham J, Lander CM, Eadie MJ.

Seizure.2015 Jan; 24:77-81.



Australian Pregnancy Register for Women on Antiepileptic Medication

1800 069 722 | www.apr.org.au

Principal Investigator: Prof Frank Vajda AO

Research Coordinators: Ms Janet Graham & Ms Alison Hitchcock

Valproate still has a place in women with epilepsy

Perucca P, O'Brien TJ, Eadie M, Vajda FJ

Epilepsia.2015 Jul; 56(7):1175-6.

Is carbamazepine a human teratogen?

Vajda FJ, O'Brien TJ, Graham J, Lander CM, Eadie MJ.

J Clin Neurosci.2015 Oct; 27

Eadie MJ and Vajda F Antiepileptic drugs and Pregnancy: A Guide for Prescribers

Adis Springer 2015

Does pregnancy per se make epilepsy worse?

Vajda FJ, O'Brien TJ, Lander CM, Graham J, Eadie MJ

Acta Neurol Scand.2016 May; 133(5):380-383

Antiepileptic drug combinations not involving valproate and the risk of fetal malformations

Frank J E Vajda, Terence O'Brien, Cecilie m Lander, Janet Graham, Mervyn J Eadie

Epilepsia 2016 Jul; 57(7): 1048-1052

Antiepileptic drugs, foetal malformations and spontaneous abortions

F.J.E Vajda, T.J O'Brien, J.E Graham, A.A Hitchcock, C.M Lander

Acta Neurol Scand. 2017 Mar; 135(3):360-365

Maternal and fetal outcomes associated with vagus nerve stimulation during pregnancy

Anne Sabers, Dina Battino, Erminio Bonizzoni, John Craig, Dick Lindhout, Emilio Perucca,

Sanjeev V Thomas, Torbjorn Tomson, Frank Vajda

Epilepsy Research 137 (2017) 159-162

Antiepileptic drug exposure and risk of foetal death in utero

F.J.E Vajda, T.J O'Brien, J.E Graham, A.A Hitchcock, C.M Lander

Acta Neurol Scand. 2017 Aug

The role of ethnicity on pregnancy outcomes in women with epilepsy: The need for specific research: Epilepsia. 2018;Jun;59(6):1124-1131

Antiepileptic drug polytherapy in pregnant women with epilepsy: Acta Neurol Scand.

2018, Aug; 138(2):115-121

Caesarean section in Australian women with epilepsy:

Frank JE Vajda et al; Epilepsy & Behaviour 89 (2018) 126-129



Australian Pregnancy Register for Women on Antiepileptic Medication

1800 069 722 | www.apr.org.au

Principal Investigator: Prof Frank Vajda AO

Research Coordinators: Ms Janet Graham & Ms Alison Hitchcock

Outcomes of pregnancies in women taking antiepileptic drugs for non-epilepsy indications
Dana Jazayeri, Janet Graham, Alison Hitchcock, Terence J. O'Brien, Frank J.E. Vajda:
Seizure 56 (2018) 111–114

The use of antidepressant drugs in pregnant women with epilepsy: A study from the
Australian Pregnancy Register; Niveshan Sivathamboo, Alison Hitchcock, Janet Graham,
Shobi Sivathamboo, Zhibin Chen, Terence J. O'Brien, Frank J. E. Vajda: *Epilepsia*. 2018
Sep;59(9):1696-1704

Valproate-associated foetal malformations—Rates of occurrence, risks in attempted
avoidance Frank J. E. Vajda et al; *Acta Neurol Scand*. 2018;139(1):42-48

Predicting epileptic seizure control during pregnancy. Frank J. E. Vajda et al; *Epilepsy and
Behaviour*. 2018; Jan; 78:91-95.

The outcome of a cohort of pregnancies in Australian women with epilepsy. Frank J E Vajda
et al *Current trends in Neurology* Dec 2018

Antiepileptic drugs and foetal malformation: analysis of 20 years of data in a pregnancy
register *Seizure*. 2019 Feb;65:6-11

Seizures in infancy in the offspring of women with epilepsy Frank J. E. Vajda et al; *Acta
Neurol Scand*. 2019;Sep 18

Valproate under threat. Vajda FJ *Aust N Z J Psychiatry*. 2019 Sep;53(9):923

Pre-existing illness, foetal malformation & seizure control rates in pregnant women with
epilepsy. Frank J. E. Vajda et al; *Epilepsy and Behaviour*. 2019; Nov

Factors related to post-natal depression in Australian women with epilepsy. *Journal of
Neuropsychiatry and Neuro disorders* Vajda et al. Dec 2019 Vol 1.1

AEDs Teratogenicity and De Novo Genetic variation load. Piero Perucca, et al; *Annals of
Neurology*. 2020;00:1-10

AEDs and Depression during pregnancy in women with epilepsy. Vajda F et al. *Acta Neurol
Scand*. 2020;00:1-6

Pregnancy after valproate withdrawal-fetal malformations and seizure control. Vajda F
et al. *Epilepsia*. 2020;00:1-7



Australian Pregnancy Register for Women on Antiepileptic Medication

1800 069 722 | www.apr.org.au

Principal Investigator: Prof Frank Vajda AO

Research Coordinators: Ms Janet Graham & Ms Alison Hitchcock

Twin pregnancy in women with epilepsy. Vajda et al. Sept 2020 *Epilepsia*; 61;2748-2753

Folic acid dose, valproate and fetal malformations. Vajda F et al. *Epilepsy and Behavior* Jan 2021 Vol 114 part A

Prenatal VPA exposure and adverse neurodevelopmental outcomes; does sex matter. Honybun E et al. *Epilepsia* 2021;00:1-11

Seizure Control in Successive Pregnancies in Australian Women with Epilepsy Vajda F, O'Brien T, Graham J, Hitchcock A, Perucca P, Kuhn R, Lander C, Eadie M
Acta Neurol Scand 2022 Nov;146(5):610-614. doi: 10.1111/ane.13688. Epub 2022 Aug 19Acta

Fetal Malformations in Successive Pregnancies in Australian Women with Epilepsy Vajda F, O'Brien T, Graham J, Hitchcock A, Perucca P, Kuhn R, Lander C, Eadie M
Epilepsy Behav 2022 Sep;134:108848. doi: 10.1016/j.yebeh.2022.108848. Epub 2022 Jul 18

Neurological Factors and Caesarean Section in Australian Women with Epilepsy Vajda F, O'Brien T, Graham J, Hitchcock A, Perucca P, Kuhn R, Lander C, Eadie M
Epilepsy Behav 2022 Jul;132:108740. doi: 10.1016/j.yebeh.2022.108740. Epub 2022 May 27

Achieving Neurologically Desirable Outcomes To Pregnancy in Women with Epilepsy. Vajda F, O'Brien T, Graham J, Hitchcock A, Perucca P, Lander C, Eadie M
Epilepsy Behav 2022 Apr;129:108602. doi: 10.1016/j.yebeh.2022.108602. Epub 2022 Feb 14.

Epileptic Seizure Control During and After Pregnancy in Australian Women Vajda F, O'Brien T, Graham J, Hitchcock A, Perucca P, Lander C, Eadie M
Acta Neurol Scand 2022 Jun;145(6):730-736. doi: 10.1111/ane.13609. Epub 2022 Mar 7

Specific fetal malformations following intrauterine exposure to antiseizure medication. Vajda F, O'Brien T, Graham J, Hitchcock A, Perucca P, Lander C, Eadie M. *Epilepsy Behav* 2023 May;142:109219

Economic Evaluation of the Community Benefit of the Australian Pregnancy Register of Antiseizure Medications. Ademi Z, Marquina C, Perucca P, Hitchcock A, Graham J, Eadie MJ, Liew D, O'Brien TJ, Vajda FJ. *Neurology* 2023 Mar 7;100(10):e1028-e1037.

Changes over 24 years in a pregnancy register - Teratogenicity and epileptic seizure control. Vajda F, O'Brien T, Graham J, Hitchcock A, Perucca P, Lander C, Eadie M. *Epilepsy Behav* 2023 Nov;148:109482