

Table of Contents

Objective 1: Prevention..... 2
 CAP (Calcium And Pre-eclampsia)..... 2
 Objective 2: Monitoring..... 3
 miniPIERS (Pre-eclampsia Integrated Estimate of RiSk)..... 3
 fullPIERS..... 4
 PIERS on the Move 4
 MOM (Mapping Outcomes for Mothers): 5
 CRADLE (Community Blood Pressure Monitoring in Rural Africa and Asia: Detection of Underlying Pre-eclampsia) 5
 Maternal Morbidity Working Group..... 6
 CIPHER (Collaborative Integrated Pregnancy High-Dependency Estimate or Risk)..... 6
 Objective 3: Treatment 7
 CLIP (Community-Level Interventions for Pre-eclampsia)..... 7
 Economic evaluation of CLIP 9
 CHIPS (Control of Hypertension in Pregnancy Study)..... 9
 STRIDER (Sildenafil Therapy in Dismal Prognosis Early-Onset Intrauterine Growth Restriction)..... 10
 Objective 4: Collaboration 11
 Canadian Perinatal Network 12
 Objective 5: Knowledge translation..... 13
 MAG-CP (Magnesium Sulphate for Fetal Neuroprotection to Prevent Cerebral Palsy) 13
 Preeclampsia Foundation 13
 General 14

Objective 1: Prevention

CAP (Calcium And Pre-eclampsia)

- Hofmeyr GJ. [Prevention of pre-eclampsia: calcium supplementation and other strategies](#). Obstetrics and Gynaecology Forum. 2016 Jan 1; 26 (3):11-15.
- Cormick G, Betrán AP, Ciapponi A, Hall DR, Hofmeyr GJ; Calcium and Pre-eclampsia Study Group. [Interpregnancy interval and risk of recurrent preeclampsia: systematic review and meta-analysis](#). Reprod Health. 2016 Jul 18;13(1):83.
- Hofmeyr GJ, Seuc A, Betrán AP, Purnat T, Ciganda A, Manyame S, Munjanja SP, Singata M, Fawcus S, Frank K Hall DR, Cormick G, Roberts J, Bergel E, Drebit S, von Dadelszen P, Belizan J on behalf of the calcium and Pre-eclampsia Study Group. [The effect of calcium supplementation on blood pressure in non-pregnant women with previous preeclampsia: an exploratory, randomized placebo controlled study](#) (WHO Study A65750). Pregnancy Hypertens. 2015 Oct;5(4):273-9.
- Cormick G, Ciapponi A, Cafferata ML, Belizan J. [Calcium supplementation for prevention of primary hypertension](#). Cochrane Database Syst Rev. 2015 Jun 30;6.
- Hofmeyr GJ, Lawrie TA, Atallah ÁN, Duley L, Torloni MR. [Calcium supplementation during pregnancy for preventing hypertensive disorders and related problems](#). Cochrane Database Syst Rev. 2014 Jan 1;6(6).
- Hofmeyr GJ, Belizan JM, Dadelszen P. [Low - dose calcium supplementation for preventing preeclampsia: a systematic review and commentary](#). BJOG. 2014 Jul 1;121(8):951-7.
- Seuc AH, Peregoudov A, Betran AP, Gulmezoglu AM. [Intermediate outcomes in randomized clinical trials: An introduction](#). Trials. 2013 Mar 19;14(1):1.
- Hofmeyr GJ, Novikova N, Singata M, Fawcus S, Oyebajo A, Munjanja S, Belizán JM. Protocol 11PRT/4028: [Long term calcium supplementation in women at high risk of pre-eclampsia: a randomised, placebo-controlled trial](#).

Objective 2: Monitoring

miniPIERS (Pre-eclampsia Integrated Estimate of RiSk)

- Payne BA, Groen H, Platt R, Von Dadelszen P, Hutcheon JA, Understanding sources of overfitting in clinical prediction models: The contributions of variable coding, variable selection and parameter estimation. *Med Decis Making*. In press.
- Payne BA, Groen H, Ukah UV, Ansermino JM, Bhutta Z, Grobman W, Hall DR, Hutcheon JA, Magee LA, von Dadelszen P, miniPIERS working group. [Development and internal validation of a multivariable model to predict perinatal death in pregnancy hypertension](#). *Pregnancy Hypertens*. 2015 Oct 31;5(4):315-21.
- Payne BA, Hutcheon JA, Dunsmuir D, Cloete G, Dumont G, Hall D, Lim J, Magee LA, Sikandar R, Qureshi R, van Papendorp E. [Assessing the Incremental Value of Blood Oxygen Saturation \(SpO₂\) in the miniPIERS \(Pre-eclampsia Integrated Estimate of RiSk\) Risk Prediction Model](#). *J Obstet Gynaecol Can*. 2015 Jan 31;37(1):16-24.
- Payne BA, Groen H, Ukah UV, Ansermino JM, Bhutta Z, Grobman W, Hall DR, Hutcheon JA, Magee LA, von Dadelszen P, miniPIERS working group. [Development and internal validation of a multivariable model to predict perinatal death in pregnancy hypertension](#). *Pregnancy Hypertens*. 2015 Oct 31;5(4):315-21.
- Payne BA, Hutcheon JA, Ansermino JM, Hall DR, Bhutta ZA, Bhutta SZ, Biryabarema C, Grobman WA, Groen H, Haniff F, Li J. [A risk prediction model for the assessment and triage of women with hypertensive disorders of pregnancy in low-resourced settings: the miniPIERS \(Pre-eclampsia Integrated Estimate of RiSk\) multi-country prospective cohort study](#). *PLoS Med*. 2014 Jan 21;11(1):e1001589.
- Millman AL, Payne B, Qu Z, Douglas MJ, Hutcheon JA, Lee T, Magee LA, Walley KR, von Dadelszen P, PIERS (Pre-eclampsia Integrated Estimate of RiSk) Study Group. [Oxygen saturation as a predictor of adverse maternal outcomes in women with preeclampsia](#) *J Obstet Gynaecol Can*. 2011 Jul 1;33(7):705-14.
- Kozic JR, Benton SJ, Hutcheon JA, Payne BA, Magee LA, von Dadelszen P. [Abnormal liver function tests as predictors of adverse maternal outcomes in women with preeclampsia](#). *J Obstet Gynaecol Can*. 2011 Oct;33(10):995-1004.
- Yen, TW, Payne, B, Qu, Z, Hutcheon JA, Lee T, Magee LA, Walters, BN, von Dadelszen, P. [Using clinical symptoms to predict adverse maternal and perinatal outcomes in women with preeclampsia: data from the PIERS \(Pre-eclampsia Integrated Estimate of RiSk\) study](#). *J Obstet Gynaecol Can*. 2011;33(8):803-9.
- Payne B, Magee LA, von Dadelszen P. [Assessment, surveillance and prognosis in pre-eclampsia](#). *Best Pract Res Clin Obstet Gynaecol*. 2011 Aug 31;25(4):449-62.
- Payne B, Magee LA, Côté AM, Hutcheon JA, Li J, Kyle PM, Menzies JM, Moore MP, Parker C, Pullar B, von Dadelszen P. [PIERS proteinuria: relationship with adverse maternal and perinatal outcome](#). *J Obstet Gynaecol Can*. 2011 Jun;33(6):588-97.

fullPIERS

- Ukah UV, Mbofana F, Rocha BM, Loquiha O, Mudenyanga C, Usta M, Urso M, Drebit S, Magee LA, von Dadelszen P. [Diagnostic Performance of Placental Growth Factor in Women With Suspected Preeclampsia Attending Antenatal Facilities in Maputo, Mozambique](#). Hypertension. 2017 Mar 1;69(3):469-74.
- Ukah UV, Payne B, Lee T, Magee LA, von Dadelszen P. [External validation of the fullPIERS model for predicting adverse maternal outcomes in pregnancy hypertension in low and middle income countries](#). Hypertension 2017; 69:705-711
- Livingston JR, Payne B, Brown M, Roberts JM, Côté AM, Magee LA, von Dadelszen P. [Uric acid as a predictor of adverse maternal and perinatal outcomes in women hospitalized with preeclampsia](#). J Obstet Gynaecol Can. 2014 Oct 31;36(10):870-7.
- Payne BA, Kyle PM, Lim K, Lisonkova S, Magee LA, Pullar B, Qu Z, von Dadelszen P. [An assessment of predictive value of the biophysical profile in women with preeclampsia using data from the fullPIERS database](#). Pregnancy Hypertens. 2013 Jul 31;3(3):166-71.
- De Silva DA, Halstead AC, Côté AM, Sabr Y, von Dadelszen P, Magee LA. [Random urine albumin: creatinine ratio in high-risk pregnancy-Is it clinically useful?](#) Pregnancy Hypertens. 2013 Apr 30;3(2):112-4.
- Payne B, Hodgson S, Hutcheon JA, Joseph KS, Li J, Lee T, Magee LA, Qu Z, von Dadelszen P. [Performance of the fullPIERS model in predicting adverse maternal outcomes in pre - eclampsia using patient data from the PIERS \(Pre - eclampsia Integrated Estimate of RiSk\) cohort, collected on admission](#). BJOG. 2013 Jan 1;120(1):113-8.
- Firoz T, Magee LA, Payne BA, Menzies JM, von Dadelszen P. [The PIERS experience: research or quality improvement?](#) J Obstet Gynaecol Can. 2012 Apr;34(4):379-81.
- Laskin S, Payne B, Hutcheon JA, Qu Z, Douglas MJ, Ford J, Lee T, Magee LA, von Dadelszen P. [The role of platelet counts in the assessment of inpatient women with preeclampsia](#). J Obstet Gynaecol Can. 2011 Sep 1;33(9):900-8.
- Millman AL, Payne B, Qu Z, Douglas MJ, Hutcheon JA, Lee T, Magee LA, Walley KR, von Dadelszen P, PIERS (Pre-eclampsia Integrated Estimate of RiSk) Study Group. [Oxygen saturation as a predictor of adverse maternal outcomes in women with preeclampsia](#). J Obstet Gynaecol Can. 2011;33(7):705-14.
- von Dadelszen P, Payne B, Li J, Ansermino JM, Pipkin FB, Côté AM, Douglas MJ, Gruslin A, Hutcheon JA, Joseph KS, Kyle PM. [Prediction of adverse maternal outcomes in pre-eclampsia: development and validation of the fullPIERS model](#). J Lancet. 2011 Jan 21;377(9761):219-27.

PIERS on the Move

- Lim J, Cloete G, Dunsmuir DT, Payne BA, Scheffer C, von Dadelszen P, Dumont GA, Ansermino JM. [Usability and Feasibility of PIERS on the Move: An mHealth App for Pre-Eclampsia Triage](#). JMIR Mhealth Uhealth. 2015 Apr;3(2).

- Dunsmuir DT, Payne BA, Cloete G, Petersen CL, Gorges M, Lim J, von Dadelszen P, Dumont GA, Ansermino JM. [Development of mHealth applications for pre-eclampsia triage](#). IEEE J Biomed Health Inform. 2014 Nov;18(6):1857-64.

MOM (Mapping Outcomes for Mothers):

- Firoz T, Makanga PT, Nathan HL, Payne B, Magee LA. [Reverse innovation in maternal health](#). Obstet Med. 2017 May 16;17(5):177-185.
- Makanga PT, Schuurman N, Sacoer C, Boene HE, Vilanculo F, Vidler M, Magee L, Dadelszen P, Sevene E, Munguambe K, Firoz T. [Seasonal variation in geographical access to maternal health services in regions of southern Mozambique](#). Int J Health Geogr. 2017 Jan 13;16(1):1.
- Molla YB, Rawlins B, Makanga PT, Cunningham M, Ávila JE, Ruktanonchai CW, Singh K, Alford S, Thompson M, Dwivedi V, Moran AC. [Geographic information system for improving maternal and newborn health: recommendations for policy and programs](#). BMC Pregnancy Childbirth. 2017 Jan 11;17(1):26.
- Firoz T, Vidler M, Makanga PT, Boene H, Chiaú R, Sevene E, Magee LA, von Dadelszen P, Munguambe K. [Community perspectives on the determinants of maternal health in rural southern Mozambique: a qualitative study](#). Reprod Health. 2016 Sep 30;13(2):112.
- Makanga PT, Schuurman N, Sacoer C, Boene H, Von Dadelszen P, Firoz T. [Guidelines for creating framework data for GIS analysis in low - and middle - income countries](#). Can Geogr. 2016 Sep 1;60(3):320-32.
- Makanga PT, Schuurman N, von Dadelszen P, Firoz T. [A scoping review of geographic information systems in maternal health](#). Int J Gynecol Obstet. 2016 Jul 1;134(1):13-7.

CRADLE (Community Blood Pressure Monitoring in Rural Africa and Asia: Detection of Underlying Pre-eclampsia)

- Nathan HL, Cottam K, Hezelgrave NL, Seed PT, Briley A, Bewley S, Chappell LC, Shennan AH. [Determination of normal ranges of shock index and other haemodynamic variables in the immediate postpartum period: a cohort study](#). PloS One. 2016 Dec 20;11(12):e0168535.
- Nathan HL, Vousden N, Lawley E, Shennan AH. [The CRADLE Vital Signs Alert, a simple device for sustainable impact on maternal mortality: from concept to implementation](#). RCOG International News. 2016; P16-17.
- El Ayadi AM, Nathan HL, Seed PT, Butrick EA, Hezelgrave NL, Shennan AH, Miller S. [Vital Sign Prediction of Adverse Maternal Outcomes in Women with Hypovolemic Shock: The Role of Shock Index](#). PloS One. 2016 Feb 22;11(2).
- Nathan HL, de Greeff A, Hezelgrave NL, Chappell LC, Shennan AH. [Accuracy validation of the Microlife 3AS1-2 blood pressure device in a pregnant population with low blood pressure](#). Blood Press Monit. 2015 Oct 1;20(5):299-302.

- Nathan HL, El Ayadi A, Hezelgrave NL, Seed P, Butrick E, Miller S, Briley A, Bewley S, Shennan AH. [Shock index: an effective predictor of outcome in postpartum haemorrhage?](#) BJOG. 2015 Jan 1;122(2):268–75.
- Nathan H.L., de Greeff A., Hezelgrave N.L., Chappell L.C., Shennan A.H. [An accurate semiautomated oscillometric blood pressure device for use in pregnancy \(including pre-eclampsia\) in a low-income and middle-income country population: the Microlife 3AS1–2.](#) Blood Press Monit. 2015; 20(1): 52–5.
- de Greeff A, Nathan H, Stafford N, Liu B, Shennan AH. [Development of an accurate oscillometric blood pressure device for low resource settings.](#) Blood Press Monit. 2008 Dec 1;13(6):342–8.

Maternal Morbidity Working Group

- Gibson P, Narous M, Firoz T, Chou D, Barreix M, Say L, James M, WHO Maternal Morbidity Working Group. [Incidence of myocardial infarction in pregnancy: a systematic review and meta-analysis of population-based studies.](#) Eur Heart J Qual Care Clin Outcomes. 2017 Jan 5;3(3):198-207.
- Say L, Barreix M, Chou D, Tunçalp Ö, Cottler S, McCaw-Binns A, Gichuhi GN, Taulo F, Hindin M. [Maternal morbidity measurement tool pilot: study protocol.](#) Reprod Health. 2016 Jun 9;13(1):1.
- Chou D, Tunçalp Ö, Firoz T, Barreix M, Filippi V, von Dadelszen P, van den Broek N, Cecatti JG, Say L. [Constructing maternal morbidity-towards a standard tool to measure and monitor maternal health beyond mortality.](#) BMC Pregnancy Childbirth. 2016 Mar 2;16(1):1.
- Andreucci CB, Bussadori JC, Pacagnella RC, Chou D, Filippi V, Say L, Cecatti JG. [Sexual life and dysfunction after maternal morbidity: a systematic review.](#) BMC Pregnancy Childbirth. 2015 Nov 23;15(1):1
- Firoz T, Chou D, von Dadelszen P, Agrawal P, Vanderkruik R, Tunçalp Ö, Magee LA, van Den Broek N, Say L. [Measuring maternal health: focus on maternal morbidity.](#) Bull World Health Organ. 2013 Oct;91(10):794-6.

CIPHER (Collaborative Integrated Pregnancy High-Dependency Estimate or Risk)

- Payne BA, Ryan HM et al. Precision medicine for pregnant and recently-pregnant women receiving critical care: development of the CIPHER (Collaborative Integrated Pregnancy High-dependency Estimate of Risk) model. Br J Obstet Gynaecol. Submitted July 2017
- Aarvold AB, Ryan HM, Magee LA, von Dadelszen P, Fjell C, Walley KR. [Multiple organ dysfunction score is superior to the obstetric-specific sepsis in obstetrics score in predicting mortality in septic obstetric patients.](#) Crit Care Med. 2017 Jan;45(1):e49.
- Ryan HM, Sharma S, Magee LA, Ansermino JM, MacDonell K, Payne BA, Walley KR, von Dadelszen P. [The usefulness of the APACHE II score in obstetric critical care: a structured review.](#) J Obstet Gynaecol Can. 2016 Oct 31;38(10):909-18.

Objective 3: Treatment

CLIP (Community-Level Interventions for Pre-eclampsia)

- Sharma S, Adetoro OO, Vidler M, Drebit S, Payne BA, Akeju DO, Adepoju A, Jaiyesimi E, Sotunsa J, Bhutta ZA, Magee LA. [A process evaluation plan for assessing a complex community-based maternal health intervention in Ogun State, Nigeria](#). BMC Health Serv Res. 2017 Mar 28;17(1):238.
- Bellad MB, Vidler M, Honnungar NV, Mallapur A, Ramadurg U, Charanthimath U, Katageri G, et al. [Maternal and Newborn Health in Karnataka State, India: The Community Level Interventions for Pre-Eclampsia \(CLIP\) Trial's Baseline Study Results](#). PloS One. 2017 Jan 20;12(1):e0166623.
- Houlihan S, Decarie D, Benes C, Cleve R, Vidler M, Magee LA, Ensom MH, von Dadelszen P. [Magnocaine: Physical Compatibility and Chemical Stability of Magnesium Sulphate and Lidocaine Hydrochloride in Prefilled Syringes](#). J Obstet Gynaecol Can. 2016 Oct 31;38(10):936-44.
- Salam R, Qureshi R, Sheikh S, Khowaja A, Sawchuck D, Vidler M, von Dadelszen P, Zaidi S, Bhutta Z, and the CLIP working group. [Potential for task-sharing to Lady Health Workers for identification and emergency management of pre-eclampsia at community level in Pakistan](#). Reprod Health. 2016 Sept 30;13(2):99-105.
- Sheikh S, Qureshi RN, Khowaja AR, Salam R, Vidler M, Sawchuck D, von Dadelszen P, Zaidi S, Bhutta Z. [Health care provider knowledge and routine management of pre-eclampsia in Pakistan](#). Reprod Health. 2016 Sep 30;13(2):104.
- Akeju D, Vidler M, Sotunsa J, Osiberu M, Orenuga E, Oladapo O, Adepoju A, Qureshi R, Sawchuck D, Adetoro O, von Dadelszen P, Dada O, and the CLIP Nigeria Feasibility Working Group. [Human resource constraints and the prospect of task-sharing among community health workers for the detection of early signs of pre-eclampsia in Ogun State, Nigeria](#). Reprod Health. 2016 Sept 30;13(2):115-122.
- Firoz T, Vidler M, Makanga PT, Boene H, Chiaú R, Sevene E, Magee LA, von Dadelszen P, Munguambe K, and the CLIP Working Group. [Community perspectives on the determinants of maternal health in rural southern Mozambique: a qualitative study](#). Reprod Health. 2016 Sept 30;13(2):123-131.
- Sotunsa J, Vidler M, Akeju D, Osiberu M, Orenuga E, Oladapo O, Adepoju A, Qureshi R, Sawchuck D, Adetoro O, von Dadelszen P, Dada O, and the CLIP Nigeria Feasibility Working Group. [Community health workers' knowledge and practice in relation to pre-eclampsia in Ogun State, Nigeria: an essential bridge to maternal survival](#). Reprod Health. Sept 30;13(2):133-139.
- Ramadurg U, Vidler M, Charanthimath U, Katageri G, Bellad M, Mallapur A, Goudar S, Bannale S, Karadiguddi C, Sawchuck D, Qureshi R, von Dadelszen P, Derman R, and the Community Level Interventions for Pre-eclampsia (CLIP) India Feasibility Working Group. [Community health worker knowledge and management of pre-eclampsia in rural Karnataka State, India](#). Reprod Health. 2016 Sept 30;13(2):141-148.

- Boene H, Vidler M, Augusto O, Sidat M, Macete E, Menéndez C, Sawchuck D, Qureshi R, von Dadelszen P, Munguambe K, Sevene E, and the CLIP Feasibility Working Group. [Community health worker knowledge and management of pre-eclampsia in southern Mozambique](#). *Reprod Health*. 2016 Sept 30;13(2):149-162.
- Makanga PT, Schuurman N, Sacoor C, Boene H, von Dadelszen P, Firoz T. [Guidelines for creating framework data for GIS analysis in low - and middle - income countries](#). *Can Geogr*. 2016 Aug 8; 60:320-332
- Khowaja AR, Qureshi RN, Sawchuck D, Oladapo OT, Adetoro OO, Orenuga EA, Bellad M, Mallapur A, Charantimath U, Sevene E, Munguambe K. [The feasibility of community level interventions for pre-eclampsia in South Asia and Sub-Saharan Africa: A mixed-methods design](#). *Reprod Health*. 2016 Jun 8;13(1):1.
- Akeju DO, Vidler M, Oladapo OT, Sawchuck D, Qureshi R, von Dadelszen P, Adetoro OO, Dada OA. [Community perceptions of pre-eclampsia and eclampsia in Ogun State, Nigeria: a qualitative study](#). *Reprod Health*. 2016 Jun 8;13(1):17.
- Boene H, Vidler M, Sacoor C, Nhama A, Nhacolo A, Bique C, Alonso P, Sawchuck D, Qureshi R, Macete E, Menéndez C. [Community perceptions of pre-eclampsia and eclampsia in southern Mozambique](#). *Reprod Health*. 2016 Jun 8;13(1):27.
- Khowaja AR, Qureshi RN, Sheikh S, Zaidi S, Salam R, Sawchuck D, Vidler M, von Dadelszen P, Bhutta Z. [Community's perceptions of pre-eclampsia and eclampsia in Sindh Pakistan: a qualitative study](#). *Reprod Health*. 2016 Jun 8;13(1):39.
- M, Charantimath U, Katageri G, Ramadurg U, Karadiguddi C, Sawchuck D, Qureshi R, Dharamsi S, Dadelszen P, Derman R, Goudar S. [Community perceptions of pre-eclampsia in rural Karnataka State, India: a qualitative study](#). *Reprod Health*. 2016 Jun 8;13(1):45.
- Vidler M, Ramadurg U, Charantimath U, Katageri G, Karadiguddi C, Sawchuck D, Qureshi R, Dharamsi S, Joshi A, von Dadelszen P, Derman R. [Utilization of maternal health care services and their determinants in Karnataka State, India](#). *Reprod Health*. 2016 Jun 8;13(1):55.
- Akeju DO, Oladapo OT, Vidler M, Akinmade AA, Sawchuck D, Qureshi R, Solarin M, Adetoro OO, von Dadelszen P. [Determinants of health care seeking behaviour during pregnancy in Ogun State, Nigeria](#). *Reprod Health*. 2016 Jun 8;13(1):67.
- Munguambe K, Boene H, Vidler M, Bique C, Sawchuck D, Firoz T, Makanga PT, Qureshi R, Macete E, Menéndez C, von Dadelszen P. [Barriers and facilitators to health care seeking behaviours in pregnancy in rural communities of southern Mozambique](#). *Reprod Health*. 2016 Jun 8;13(1):83.
- Qureshi RN, Sheikh S, Khowaja AR, Hoodbhoy Z, Zaidi S, Sawchuck D, Vidler M, Bhutta ZA, von Dadeslzen P. [Health care seeking behaviours in pregnancy in rural Sindh, Pakistan: a qualitative study](#). *Reprod Health*. 2016 Jun 8;13(1):75.
- Firoz T, Magee LA, MacDonell K, Payne BA, Gordon R, Vidler M, Dadelszen P. [Oral antihypertensive therapy for severe hypertension in pregnancy and postpartum: a systematic review](#). *BJOG*. 2014 Sep 1;121(10):1210-8.

- Gordon R, Magee LA, Payne B, Firoz T, Sawchuck D, Tu D, Vidler M, de Silva D, von Dadelszen P. [Magnesium sulphate for the management of preeclampsia and eclampsia in low and middle income countries: a systematic review of tested dosing regimens.](#) J Obstet Gynaecol Can. 2014 Feb 28;36(2):154-63.
- Lalani S, Firoz T, Magee LA, Sawchuck D, Payne B, Gordon R, Vidler M, von Dadelszen P. [Pharmacotherapy for preeclampsia in low and middle income countries: an analysis of essential medicines lists.](#) J Obstet Gynaecol Can. 2013 Mar 31;35(3):215-23.
- von Dadelszen P, Ansermino JM, Dumont G, Hofmeyr GJ, Magee LA, Mathai M, Sawchuck D, Teela K, Donnay F, Roberts JM. [Improving maternal and perinatal outcomes in the hypertensive disorders of pregnancy: a vision of a community-focused approach.](#) Int J Gynecol Obstet. 2012 Oct 31;119:S30-4.
- Firoz T, Magee LA, Lalani S, Sawchuck D, Payne B, Vidler M, Gordon R, von Dadelszen P. PP088. [Oral antihypertensive therapy for severe hypertension in pregnancy.](#) Pregnancy Hypertens. 2012 Jul 31;2(3):288.

Economic evaluation of CLIP

- Khowaja AR, Mitton C, Qureshi R, Bryan S, Magee LA, von Dadelszen P, Bhutta ZA. A Comparison of Maternal and Newborn Health Services Costs in Sindh Pakistan. PLOS One. In Press
- Khowaja AR, Mitton C, Qureshi R, Bryan S, Magee LA, von Dadelszen P, Bhutta ZA. [Societal Perspective on Cost Drivers for Health Technology Assessment in Sindh, Pakistan.](#) Int J Technol Assess Health Care. 2017 Jun:1-7.
- Khowaja AR, Mitton C, Bryan S, Magee LA, Bhutta ZA, von Dadelszen P. [Economic evaluation of Community Level Interventions for Pre-eclampsia \(CLIP\) in South Asian and African countries: a study protocol.](#) Implement Sci. 2015 May 26;10(1):76.

CHIPS (Control of Hypertension in Pregnancy Study)

- Magee LA (for the CHIPS Study Group), von Dadelszen P, Singer J, Lee T, Rey E, Ross S, Asztalos E, Murphy KE, Menzies J, Sanchez J, Gafni A, Helewa M, Hutton E, Lee SK, Logan AG, Ganzevoort W, Welch R, Thornton JG, Moutquin J-M. [The Control of Hypertension In Pregnancy Study \(CHIPS\) randomised controlled trial - is severe hypertension just an elevated blood pressure?](#) Hypertension 2016;68(5):1153-1159.
- Ahmed RJ, Gafni A, Hutton EK, Hu ZJ, Pullenayegum E, von Dadelszen P, Rey E, Ross S, Asztalos E, Murphy KE, Menzies J. [The Cost Implications of Less Tight Versus Tight Control of Hypertension in Pregnancy \(CHIPS Trial\).](#) Hypertension 2016 Oct 1;68(4):1049-55.
- Vidler M, Magee LA, von Dadelszen P, Rey E, Ross S, Asztalos E, Murphy KE, Menzies J, Sanchez J, Singer J, Gafni A. [Women's views and postpartum follow-up in the CHIPS](#)

- [Trial \(Control of Hypertension in Pregnancy Study\)](#). Eur J Obstet Gynecol Reprod Biol 2016 Sep 9;206:105–113.
- Magee LA, von Dadelszen P, Singer J, Lee T, Rey E, Ross S, Asztalos E, Murphy KE, Menzies J, Sanchez J, Gafni A. [Can adverse maternal and perinatal outcomes be predicted when blood pressure becomes elevated? Secondary analyses from the CHIPS \(Control of Hypertension In Pregnancy Study\) randomized controlled trial](#). Acta Obstet Gynecol Scand 2016 Jul;95(7):763–76.
 - Magee LA; CHIPS Study Group, von Dadelszen P, Singer J, Lee T, Rey E, Ross S, Asztalos E, Murphy KE, Menzies J, Sanchez J, Gafni A, Gruslin A, Helewa M, Hutton E, Koren G, Lee SK, Logan AG, Ganzevoort JW, Welch R, Thornton JG, Moutquin JM. [Control of Hypertension In Pregnancy Study randomised controlled trial—are the results dependent on the choice of labetalol or methyldopa?](#) BJOG 2015 Aug 11.
 - Magee LA, Dadelszen P, Singer J, Lee T, Rey E, Ross S, Asztalos E, Murphy KE, Menzies J, Sanchez J, Gafni A. [Do labetalol and methyldopa have different effects on pregnancy outcome? Analysis of data from the Control of Hypertension In Pregnancy Study \(CHIPS\) trial](#). BJOG 2015 Aug 1;123(7):1143–1151.
 - Magee LA, Pels A, Helewa M, Rey E, von Dadelszen P. [The hypertensive disorders of pregnancy \(29.3\)](#). Best Pract Res Clin Obstet Gynaecol. 2015 Jul 31;29(5):643–57.
 - Magee LA, Singer J, von Dadelszen P, CHIPS Study Group. Less-tight versus tight control of hypertension in pregnancy N Engl J Med 2015 Jun 11;372(24):2367–8. [Comment on Less-tight versus tight control of hypertension in pregnancy](#).
 - Magee LA, von Dadelszen P, Rey E, Ross S, Asztalos E, Murphy KE, Menzies J, Sanchez J, Singer J, Gafni A, Gruslin A. [Less-tight versus tight control of hypertension in pregnancy](#). N Engl J Med 2015 Jan 29;372(5):407–17. Accompanying editorial, ‘Control of hypertension in pregnancy—if some is good, is more worse?’ N Engl J Med 2015;372(5):475–76 (Editorial: ‘Control of hypertension in pregnancy—if some is good, is more worse?’ pp 475–76).
 - Magee LA, von Dadelszen P, Asztalos E, Ross S, Rey E. [“34 Weeks” of Gestation—Lost in Translation](#). J Obstet Gynaecol Can. 2014 Jun 1;36(6):480–1.

STRIDER (Sildenafil Therapy in Dismal Prognosis Early-Onset Intrauterine Growth Restriction)

- Ganzevoort W, Alfievic Z, von Dadelszen P, Kenny L, Papageorgiou A, van Wassenaer-Leemhuis A, Gluud C, Mol BW, Baker PN. [STRIDER: Sildenafil therapy in dismal prognosis early-onset intrauterine growth restriction—a protocol for a systematic review with individual participant data and aggregate data meta-analysis and trial sequential analysis](#). Syst Rev. 2014 Mar 11;3(1):1.

Objective 4: Collaboration

CoLab (Global Pregnancy Collaboration)

- Allotey J, Marlin N, Mol BW, Von Dadelszen P, Ganzevoort W, Akkermans J, Ahmed A, Daniels J, Deeks J, Ismail K, Barnard AM. [Development and validation of prediction models for risk of adverse outcomes in women with early-onset pre-eclampsia: protocol of the prospective cohort PREP study](#). Diagnostic and Prognostic Research. 2017 Feb 20;1(1):6.
- Thangaratinam S, Allotey J, Marlin N, Dodds J, Cheong-See F, von Dadelszen P, Ganzevoort W, Akkermans J, Kerry S, Mol BW, Moons KG. [Prediction of complications in early-onset pre-eclampsia \(PREP\): development and external multinational validation of prognostic models](#). BMC medicine. 2017 Mar 30;15(1):68.
- Sebire NJ, Sebire NJ. [Implications of placental pathology for disease mechanisms; methods, issues and future approaches](#). Placenta. 2017;52:122-6.
- Burton GJ, Yung HW, Murray AJ, Burton GJ, Yung HW, Murray AJ. [Mitochondrial - Endoplasmic reticulum interactions in the trophoblast: Stress and senescence](#). Placenta. 2017;52:146-55.
- Cox LS, Redman C, Cox LS, Redman C. [The role of cellular senescence in ageing of the placenta](#). Placenta. 2017;52:139-45.
- Tannetta D, Collett G, Vatish M, Redman C, Sargent I, Tannetta D, Collett G, Vatish M, Redman C, Sargent I. [Syncytiotrophoblast extracellular vesicles - Circulating biopsies reflecting placental health](#). Placenta. 2017;52:134-8.
- Vaiman D, Vaiman D. Genes. [Epigenetics and miRNA regulation in the placenta](#). Placenta. 2017;52:127-33.
- Roberts JM, Hansson SR, Vaiman D, Redman CWG, Global Pregnancy Collaboration. [Global Pregnancy Collaboration symposium on placental health: Summary and recommendations](#). Placenta. 2017 Apr;52:116-121.
- Schalekamp-Timmermans S, Arends LR, Alsaker E, Chappell L, Hansson S, Harsem NK, Jälmy M, Jeyabalan A, Laivuori H, Lawlor DA, MacdonaldWallis C. [Fetal sex-specific differences in gestational age at delivery in pre-eclampsia: a meta-analysis](#). Int J Epidemiol. 2016 Sep 7.
- Benton SJ, McCowan LM, Heazell AE, Gynspan D, Hutcheon JA, Senger C, Burke O, Chan Y, Harding JE, Yockell-Lelièvre J, Hu Y. [Placental growth factor as a marker of fetal growth restriction caused by placental dysfunction](#). Placenta. 2016 Jun 30;42:1-8.
- Roberts JM, Mascalconi D, Ness RB, Poston L. [Collaboration to Understand Complex Diseases Preeclampsia and Adverse Pregnancy Outcomes](#). Hypertension. 2016 Apr 1;67(4):681-7.
- Staff AC, Redman CW, Williams D, Leeson P, Moe K, Thilaganathan B, Magnus P, Steegers EA, Tsigas EZ, Ness RB, Myatt L, Poston L, Roberts JM; Global Pregnancy Collaboration (CoLab). [Pregnancy and long-term maternal cardiovascular health: Progress through harmonization of research cohorts and biobanks](#). Hypertension. 2016 Feb;67(2):251-60.

PRE-EMPT and Related Research Publication List

- Burke Ó, Benton S, Szafranski P, von Dadelszen P, Buhimschi SC, Cetin I, Chappell L, Figueras F, Galindo A, Herraiz I, Holzman C. [Extending the scope of pooled analyses of individual patient biomarker data from heterogeneous laboratory platforms and cohorts using merging algorithms](#). *Pregnancy Hypertens*. 2016 Jan 31;6(1):53–9.
- Mol BW, Roberts CT, Thangaratinam S, Magee LA, de Groot CJ, Hofmeyr GJ. [Pre-eclampsia](#). *J Lancet*. 2015 Sep 2.
- Myatt L, Redman CW, Staff AC, Hansson S, Wilson ML, Laivuori H, Poston L, Roberts JM. [Strategy for standardization of preeclampsia research study design](#). *Hypertension*. 2014 Jun 1;63(6):1293-301.
- Staff AC, Benton SJ, von Dadelszen P, Roberts JM, Taylor RN, Powers RW, Charnock-Jones DS, Redman CW. [Redefining preeclampsia using placenta-derived biomarkers](#). *Hypertension*. 2013 May 1;61(5):932-42.

Canadian Perinatal Network

- Robertson JE, Lisonkova S, Lee T, De Silva DA, von Dadelszen P, Synnes AR, Joseph KS, Liston RM, Magee LA. [Fetal, Infant and Maternal Outcomes among Women with Prolapsed Membranes Admitted before 29 Weeks Gestation](#). *PloS one*. 2016 Dec 21;11(12):e0168285.
- Magee LA, von Dadelszen P, Allen VM, Ansermino JM, Audibert F, Barrett J, Brant R, Bujold E, Crane JM, Demianczuk N, Joseph KS. [The Canadian Perinatal Network: a national network focused on threatened preterm birth at 22 to 28 weeks' gestation](#). *J Obstet Gynaecol Can*. 2011 Feb;33(2):111-20.

Objective 5: Knowledge translation

MAG-CP (Magnesium Sulphate for Fetal Neuroprotection to Prevent Cerebral Palsy)

- Teela KC, De Silva DA, Chapman K, Synnes AR, Sawchuck D, Basso M, Liston RM, von Dadelszen P, Magee LA. [Magnesium sulphate for fetal neuroprotection: benefits and challenges of a systematic knowledge translation project in Canada](#). BMC Pregnancy Childbirth. 2015 Dec 22;15(1):1
- De Silva DA, Sawchuck D, von Dadelszen P, Basso M, Synnes AR, Liston RM, Magee LA on behalf of the MAG-CP Collaborative Group. [Magnesium sulphate for eclampsia and fetal neuroprotection: a comparative analysis of protocols across Canadian tertiary perinatal centres](#). J Obstet Gynaecol Can. 2015;37(11):975-87.
- Nensi A, De Silva DA, von Dadelszen P, Sawchuck D, Synnes AR, Crane J, Magee LA on behalf of the MAG-CP Collaborative Group. [Effect of magnesium sulphate on fetal heart rate parameters: a systematic review](#). J Obstet Gynaecol Can. 2014;36(12):1055-64.
- Bickford CB, Magee LA, Mitton C, Kruse M, Synnes AR, Sawchuck D, Basso M, Senikas VM, von Dadelszen P, on behalf of the MAG-CP Working Group. [Magnesium sulphate for fetal neuroprotection: a cost-effectiveness analysis](#). BMC Health Serv Res. 2013;13:527.
- Magee L, Sawchuck D, Synnes A, von Dadelszen P. SOGC Clinical Practice Guideline. [Magnesium sulphate for fetal neuroprotection](#). J Obstet Gynaecol Can. 2011 May;33(5):516-29.

Preeclampsia Foundation

- Tsigas E. [Advocacy is essential to supporting women with pre-eclampsia](#). Obstet Med. 2017;1753495X17692912.
- Tsigas E, Magee LA. [Advocacy organisations as partners in pre-eclampsia progress: patient involvement improves outcomes](#). Best Pract Res Clin Obstet Gynaecol. 2011 Aug 31;25(4):523-36.

General

- Magee LA, Helewa M, Moutquin JM, von Dadelszen P. [Diagnosis, evaluation, and management of the hypertensive disorders of pregnancy](#). J Obstet Gynaecol Can. 2008 Mar;30(3 Suppl):S1-48.
- Mateus J, Newman R, Sibai BM, Li Q, Barton JR, Combs CA, Guzman E, Boggess KA, Gyamfi C, von Dadelszen P, Woelkers D. [Massive Urinary Protein Excretion Associated with Greater Neonatal Risk in Preeclampsia](#). AJP Rep. 2017 Jan;7(01):e49-58.
- Ukah UV, Adu PA, De Silva DA, von Dadelszen P. [The Impact of a History of Adverse Childhood Experiences on Breastfeeding Initiation and Exclusivity: Findings from a National Population Health Survey](#). Breastfeed Med. 2016 Oct 11.
- Correa ME, Côté AM, de Silva DA, Packianathan P, Wang L, von Dadelszen P, Magee LA. [13 Visual or automated dipstick testing for proteinuria in pregnancy?: Risk factors, prediction of preeclampsia](#). Pregnancy Hypertens. 2016 Jul 31;6(3):184.
- von Dadelszen P, Magee LA. [Preventing deaths due to the hypertensive disorders of pregnancy](#). Best Pract Res Clin Obstet Gynaecol. 2016 Jun 28.
- Duffy JM, van't Hooft J, Gale C, Brown M, Grobman W, Fitzpatrick R, Karumanchi SA, Lucas N, Magee L, Mol B, Stark M. [A protocol for developing, disseminating, and implementing a core outcome set for pre-eclampsia](#). Pregnancy Hypertens. 2016 May 4.
- Thornton C, Tooher J, Ogle R, von Dadelszen P, Makris A, Hennessy A. [Benchmarking the hypertensive disorders of pregnancy](#). Pregnancy Hypertens. 2016 Apr 30.
- Benton S, Dadelszen P. [Are long - term health risks of pre - eclampsia and intrauterine growth restriction really the same?](#) BJOG 2015 Dec 1;122(13):1824-.
- von Dadelszen P, Magee LA, Payne BA, Dunsmuir DT, Drebit S, Dumont GA, Miller S, Norman J, Pyne-Mercier L, Shennan AH, Donnay F. [Moving beyond silos: How do we provide distributed personalized medicine to pregnant women everywhere at scale? Insights from PRE-EMPT](#). Int J Gynecol Obstet. 2015 Oct 31;131:S10-5.
- Griffin M, Seed PT, Webster L, Myers J, MacKillop L, Simpson N, Anumba D, Khalil A, Denbow M, Sau A, Hinshaw K, von Dadelszen P, Benton S, Girling J, Redman CWG, Chappell LC, Shennan AH. [Diagnostic accuracy of placental growth factor and ultrasound parameters to predict the small - for - gestational - age infant in women presenting with reduced symphysis-fundus height](#). Ultrasound Obstet Gynecol. 2015 Aug 1;46(2):182-90.
- Hu Y, Blair JD, Yuen RK, Robinson WP, von Dadelszen P. [Genome-wide DNA methylation identifies trophoblast invasion-related genes: Claudin-4 and Fucosyltransferase IV control mobility via altering matrix metalloproteinase activity](#). Mol Hum Reprod. 2015 May 1;21(5):452-65.
- Gillon TE, Pels A, von Dadelszen P, MacDonell K, Magee LA. [Hypertensive disorders of pregnancy: a systematic review of international clinical practice guidelines](#). PloS One. 2014 Dec 1;9(12):e113715.
- Magee LA, Namouz-Haddad S, Cao V, Koren G, von Dadelszen P. [Labetalol for hypertension in pregnancy](#). Expert opinion on drug safety. 2015 Mar 4;14(3):453-61.

PRE-EMPT and Related Research Publication List

- von Dadelszen P, Magee LA. [Pre-eclampsia: an update](#). Curr Hypertens Rep. 2014 Aug 1;16(8):1-4.
- Magee LA, Pels A, Helewa M, Rey E, von Dadelszen P. [Diagnosis, evaluation, and management of the hypertensive disorders of pregnancy](#). Pregnancy Hypertens. 2014 Apr 30;4(2):105-45.
- De Silva DA, Halstead AC, Côté AM, Sabr Y, von Dadelszen P, Magee LA. [Unexpected random urinary protein: creatinine ratio results—limitations of the pyrocatechol violet-dye method](#). BMC Pregnancy Childbirth. 2013 Jul 17;13(1):1.
- Magee L, von Dadelszen P. [Prevention and treatment of postpartum hypertension](#). Cochrane Database Syst Rev. 2013 Jan 1;4.
- von Dadelszen P, Sawchuck D, Justus Hofmeyr G, Magee LA, Bracken H, Mathai M, Tsigas EZ, Teela KC, Donnay F, Roberts JM. [PRE-EMPT \(PRE-eclampsia-Eclampsia Monitoring, Prevention and Treatment\): A low and middle income country initiative to reduce the global burden of maternal, fetal and infant death and disease related to pre-eclampsia](#). Pregnancy Hypertens. 2013 Jan 10;3(4):199-202.
- Roberge S, Giguère Y, Villa P, Nicolaidis K, Vainio M, Forest JC, von Dadelszen P, Vaiman D, Tapp S, Bujold E. [Early administration of low-dose aspirin for the prevention of severe and mild preeclampsia: a systematic review and meta-analysis](#). Obstet Gynecol Surv. 2012 Dec 1;67(12):760-2.
- von Dadelszen P, Firoz T, Donnay F, Gordon R, Hofmeyr GJ, Lalani S, Payne BA, Roberts JM, Teela KC, Vidler M. [Preeclampsia in low and middle income countries—health services lessons learned from the PRE-EMPT \(PRE-Eclampsia-Eclampsia Monitoring, Prevention and Treatment\) Project](#). J Obstet Gynaecol Can. 2012 Oct 1;34(10):917-26.
- Firoz T, Sanghvi H, Merialdi M, von Dadelszen P. [Pre-eclampsia in low and middle income countries](#). Best Pract Res Clin Obstet Gynaecol. 2011 Aug 31;25(4):537-48.
- Magee LA, Lowe S, Douglas MJ, Kathirgamanathan A. [Therapeutics and anaesthesia](#). Best Pract Res Clin Obstet Gynaecol. 2011 Aug 31;25(4):477-90.
- Dahlgren LS, von Dadelszen P, Christilaw J, Janssen PA, Lisonkova S, Marquette GP, Liston RM. [Caesarean section on maternal request: risks and benefits in healthy nulliparous women and their infants](#). J Obstet Gynaecol Can. 2009 Sep;31(9):808-17.