CORRESPONDENCE





Letter to the editor: FIGO good practice recommendations on modifiable causes of iatrogenic preterm birth

We read with great interest the FIGO good practice recommendations on modifiable causes of iatrogenic preterm birth. Avoiding iatrogenic prematurity should be one of the main goals of all obstetricians. The balance between maternal and fetal morbidity/mortality is sometimes difficult to establish; especially with regard to pregnancy-induced hypertension, a condition that carries a considerable risk for the mother. Our concern is especially true for low- and middle-income settings, where surveillance and early diagnosis of pre-eclampsia represent a great challenge.

In this paper, the authors state that patients with pregnancy-induced hypertension—i.e. gestational hypertension—should be offered delivery from 39 weeks onward. The paper uses as references HYPITAT I² and II³ trials, and an individual patient meta-analysis by Bernardes et al.⁴ However, the HYPITAT I trial concludes that induction of labor should be advised for women with mild hypertensive disease (gestational hypertension and mild pre-eclampsia) after 37 weeks of gestation, and the HYPITAT II trial studies patients before 37 weeks of gestation.^{2,3} The conclusion of the Bernardes et al. meta-analysis states that the risk of neonatal distress respiratory syndrome is reduced when induction of labor is implemented at or after 36 weeks of gestation.⁴

Following these important studies, several associations world-wide updated their recommendations, suggesting induction of labor for patients with pre-eclampsia or gestational hypertension at or after 37 weeks of gestation.⁵⁻⁹

In light of this evidence, we would like to kindly ask the authors for some clarification about the reasons for such a recommendation.

Mario Dias Correa Junior¹
Jose Carlos Peraçoli²
Sérgio Hofmeister Martins Costa³
Maria Laura Costa do Nascimento⁴
Henri Augusto Korkes⁵
for RBHEG – Rede Brasileira de Estudos de Hipertensão na

¹Department of Gynecology and Obstetrics, Federal University of Minas Gerais, Belo Horizonte, Brazil

Linked article: This correspondence comments on the Special Article from Valencia et al.: https://obgyn.onlinelibrary.wiley.com/doi/full/10.1002/ijgo.13857

²Department of Gynecology and Obstetrics, Botucatu Medical School, São Paulo State University, UNESP, Botucatu, São Paulo,

³Department of Obstetrics and Gynecology, School of Medicine, Hospital de Clinicas de Porto Alegre, Federal University of Rio Grande do Sul, Porto Alegre, Brazil

⁴Department of Obstetrics and Gynecology, University of Campinas, Campinas, Brazil

⁵Department of Obstetrics, Catholic Medical School, São Paulo, Brazil

Correspondence

Mario Dias Correa Junior, Department of Gynecology and Obstetrics, Federal University of Minas Gerais, Av Alfredo Balena, 190, sala 217, Belo Horizonte, MG, Brazil.

Email: correajr@gmail.com

REFERENCES

- Valencia CM, Mol BW, Jacobson B. FIGO working Group for Preterm Birth. FIGO good practice recommendations on modifiable causes of iatrogenic preterm birth. Int J Gynecol Obstet. 2021;155(1):8-12.
- Koopmans CM, Bijlenga D, Groen H, et al. Induction of labour versus expectant monitoring for gestational hypertension or mild pre-eclampsia after 36 weeks' gestation (HYPITAT): a multicenter, open-label randomized controlled trial. *Lancet*. 2009;374(9694):979-988.
- Broekhuijsen K, van Baaren GJ, van Pampus MG, et al. Immediate delivery versus expectant monitoring for hypertensive disorders of pregnancy between 34 and 37 weeks of gestation (HYPITAT-II): an open-label, randomized controlled trial. *Lancet*. 2015;385(9986):2492-2501.
- Bernardes TP, Zwertbroek EF, Broekhuijsen K, et al. Delivery or expectant management for prevention of adverse maternal and neonatal outcomes in hypertensive disorders of pregnancy: an individual participant data meta-analysis. *Ultrasound Obstet Gynecol*. 2019;53(4):443-453.
- American College of Obstetricians and Gynecologists' committee on obstetric practice, Society for Maternal-Fetal Medicine. Medically indicated late-preterm and early-term deliveries: ACOG Committee opinion, number 831. Obstet Gynecol. 2021;138(1):e35-e39.
- Brown MA, Magee LA, Kenny LC, et al. The hypertensive disorders of pregnancy: ISSHP classification, diagnosis & management recommendations for international practice. *Pregnancy Hypertens*. 2018;13:291-310.
- NICE Guideline. Hypertension in pregnancy: diagnosis and management. Published: 25 June 2019. www.nice.org.uk/guidance/ng133

© 2022 International Federation of Gynecology and Obstetrics.

^{*}Other members of RBHEG – Rede Brasileira de Estudos de Hipertensão na Gravidez are listed at the Appendix section.



- 8. Magee LA, Pels A, Helewa M, Rey E, Peter von Dadelszen, SOGC hypertension Guideline Committee. Diagnosis, evaluation, and management of the hypertensive disorders of pregnancy: executive summary. *J Obstet Gynaecol Can.* 2014;36(5):416-438.
- 9. Peraçoli JC, Borges VTM, Ramos JGL, et al. Pre-eclampsia/ Eclampsia. Rev Bras Ginecol Obstet. 2019;41(5):e1-e2.

da Cunha Filho; Francisco Lázaro Pereira de Sousa; José Geraldo Lopes Ramos; Leandro Gustavo de Oliveira; Maria Rita de Souza Mesquita; Nelson Sass; Ricardo de Carvalho Cavalli; Carlos Eduardo Poli de Figueiredo.

APPENDIX A

OTHER MEMBERS OF RBHEG – REDE BRASILEIRA DE ESTUDOS DE HIPERTENSÃO NA GRAVIDEZ

Alberto Moreno Zaconeta; Ana Cristina P. F. Araujo; Carlos Henrique Esteves Freire; Edilberto Alves Pereira da Rocha Filho; Edson Vieira