

com/home/hormonal-and-metabolic-disorders/electrolyte-balance/hypomagnesemia-low-level-of-magnesium-in-the-blood.

14. Ahmed F, Mohammed A. Magnesium: The Forgotten Electrolyte – A Review on Hypomagnesemia. *Med Sci (Basel)*. 2019;7(4):56.

15. Grofik M, Cibulka M, Mináriková D, et al. Terapeutické využitie magnézia v neurológii. *Neurol prax*. 2020;21(2):109-113.

16. Fiorentini D, Cappadone C, Farrugia G, et al. Magnesium: Biochemistry, Nutrition, Detection, and Social Impact of Diseases Linked to Its Deficiency. *Nutrients*. 2021;13(4):1136.

17. Schwalfenberg GK, Genuis SJ. The Importance of Magnesium in Clinical Healthcare. *Scientifica (Cairo)*. 2017;2017:4179326.

18. West H. Magnesium Supplements: All You Need to Know. In: *healthline.com*. [online]. 2019 March 7 [cited 2023 July 8]. Available from: <https://www.healthline.com/nutrition/magnesium-supplements>.

19. Databáza-účinná látka horčík-magnézium [online]. Bratislava: ADC ČÍSLENÍK. [cited 2023 July 11] Available from: <https://www.adc.sk/hladaj?q=magn%C3%A9zium&na-i=&w=&x=&p=>.

20. Hill A. 10 Types of Magnesium (and What to Use Each For). In: *healthline.com*. [online]. 2019 November 21 [cited 2023 July 11] Available from: <https://www.healthline.com/nutrition/magnesium-types>.

21. Šimunková V, Mináriková D, Cibulka M, et al. Testovanie biologickej dostupnosti magnézia v komerčných prípravkoch. *Súč Klin Pr*. 2021;1:11-17.

22. Magnesium – Fact Sheet for Health Professionals [online]. Rockville Pike: National Institutes of Health. [cited 2023 July] Available from: <https://ods.od.nih.gov/factsheets/Magnesium-HealthProfessional/>.

23. Balci AK, Koksall O, Kose A, et al. General characteristics of patients with electrolyte imbalance admitted to emergency department. *World J Emerg Med*. 2013;4(2):113-116.

24. Shrimanker I, Bhattarai S. Electrolytes. In: *ncbi.nlm.nih.gov* [online]. 2023 July 24 [cited 2023 July 26] Available from: <https://www.ncbi.nlm.nih.gov/books/NBK541123/>.

25. de Baaij JHF, Hoenderop JGJ, Bindels RJM. Magnesium in Man: Implications for Health and Disease. *Physiol Rev*. 2015;95(1):1-46.

26. Feghali M, Venkataramanan R, Caritis S. Pharmacokinetics of drugs in pregnancy. *Semin Perinatol*. 2015;39(7):512-519.

27. Costantine MM. Physiologic and pharmacokinetic changes in pregnancy. *Front Pharmacol*. 2014;3(5):65.

28. Ranade VV, Somberg JC. Bioavailability and Pharmacokinetics of Magnesium After Administration of Magnesium Salts to Humans. *Am J Ther*. 2001;8(5):345-357.

29. Slíva J, Votava M. Farmakokinetika. In: *Farmakologie. Pra-*

ha: Triton, 2011. p 17-23.

30. Brookfield K, Su F, Drover D, et al. Pharmacokinetics of magnesium sulfate in pregnant women. *Am J Obstet Gynecol*. 2015;212(1):S102.

31. Bøgebjerg Dolberg MK, Nielsen LP, Dahl R. Pharmacokinetic Profile of Oral Magnesium Hydroxide. *Basic Clin Pharmacol Toxicol*. 2017;120(3):264-269.

32. Seo JW, Park TJ. Magnesium Metabolism. *Electrolyte Blood Press*. 2008;6(2):86-95.

33. Jeong H. Altered drug metabolism during pregnancy: Hormonal regulation of drug-metabolizing enzymes. *Expert Opin Drug Metab Toxicol*. 2010;6(6):689-699.

34. Prentice A. Micronutrients and the Bone Mineral Content of the Mother, Fetus and Newborn. *J Nutr*. 2003;133(5 Suppl 2):1693S-1699S.

35. Vormann J. Magnesium: Nutrition and Homeostasis. *AIMS Public Health*. 2016;3(2):329-340.

36. Cheung KL, Lafayette RA. Renal Physiology of Pregnancy. *Adv Chronic Kidney Dis*. 2013;20(3):209-214.

37. Orlova S, Dikke G, Pickering G, et al. Risk factors and comorbidities associated with magnesium deficiency in pregnant women and women with hormone-related conditions: analysis of a large real-world dataset. *BMC Pregnancy and Childbirth*. 2021;21(1):76.

38. Allen MJ, Sharma S. Magnesium. In: *ncbi.nlm.nih.gov*. [online] 2023 February 20 [cited 2023 July 29] Available from: <https://www.ncbi.nlm.nih.gov/books/NBK519036/>

39. Liu M, Jeong E-M, Liu H, et al. Magnesium supplementation improves diabetic mitochondrial and cardiac diastolic function. *JCI Insight*. 2019;4(1):e123182.

40. Viering DHM, de Baaij JHF, Walsh SB. Genetic causes of hypomagnesemia, a clinical overview. *Pediatr Nephrol*. 2017;32(7):1123-1135.

41. Nechifor M. Magnesium in addiction – a general view. *Magnes Res*. 2018;31(3):90-98.

42. Gragossian A, Bashir K, Bhutta BS, et al. Hypomagnesemia. In: *ncbi.nlm.nih.gov* [online]. 30 Nov 2023 [cited 2023 August 5] Available from: <https://www.ncbi.nlm.nih.gov/books/NBK500003/>

43. DiNicolantonio JJ, O'Keefe JH, Wilson W. Subclinical magnesium deficiency: a principal driver of cardiovascular disease and a public health crisis. *Open Heart*. 2018;5(1):e000668.

44. Swaminathan R. Magnesium Metabolism and its Disorders. *Clin Biochem Rev*. 2003;24(2):47-66.

45. Pickering G, Mazur A, Trousselard M, et al. Magnesium Status and Stress: The Vicious Circle Concept Revisited. *Nutrients*. 2020;12(12):3672.

46. Killilea DW, Maier JAM. A connection between magnesium deficiency and aging: new insights from cellular studies. *Magnes Res*. 2008;21(2):77-82.

47. Maier JA, Castiglioni S, Locatelli L, et al. Magnesium and inflammation: Advances and perspectives. *Semin Cell Dev Biol*. 2021;115:37-44.

48. Nelson SH, Suresh MS. Magnesium sulfate-induced relaxation of uterine arteries from pregnant and nonpregnant patients. *Am J Obstet Gynecol*. 1991;164 (5 Pt 1):1344-1350.

49. Rylander R. Treatment with Magnesium in Pregnancy. *AIMS Public Health*. 2015;2(4):804-809.

50. Schlegel RN, Cuffe JSM, Moritz KM, et al. Maternal hypomagnesemia causes placental abnormalities and fetal and postnatal mortality. *Placenta*. 2015;36(7):750-758.

51. De Silva DA, Synnes AR, von Dadelszen P, et al. Magnesium sulphate for fetal neuroprotection to prevent Cerebral Palsy (MAG-CP). Implementation of a national guideline in Canada. *Implement Sci*. 2018;13(1):8.

52. Hurley LS. Magnesium Deficiency in Pregnancy and its Effects on the Fetus. *Magnesium-Bulletin*. 1981;1a.

53. Tonick S, Muneyirci-Delale O. Magnesium in Women's Health and Gynecology. *Open J Obstet Gynecol*. 2016;6(5):325-333.

54. Marín R, Abad C, Rojas D, et al. Magnesium salts in pregnancy. *JTEMIN*. 2023;4(3):100071.

55. Bullarbo M, Mattson H, Broman AK, et al. Magnesium Supplementation and Blood Pressure in Pregnancy: A Double-Blind Randomized Multicenter Study. *J Pregnancy*. 2018;2018:4843159.

56. Calda P. Suplementace magnézia v porodnictví a gynekologii. *Actual Gyn*. 2013;5:81-90.

57. Barbosa FT, Barbosa LT, Jucá MJ, et al. Applications of Magnesium Sulfate in Obstetrics and Anesthesia. *Rev Bras Anestesiol*. 2010;60(1):104-110.

58. Grissinger M. Preventing Magnesium Toxicity in Obstetrics. *PT*. 2009;34(8):403.

59. The Food and Drug Administration: FDA Drug Safety Communication: FDA Recommends Against Prolonged Use of Magnesium Sulfate to Stop Pre-term Labor Due to Bone Changes in Exposed Babies [online]. Silver Spring: FDA-U.S Food & Drug Administration. [cited 2023 August 6] Available from: <https://www.fda.gov/drugs/drug-safety-and-availability/fda-drug-safety-communication-fda-recommends-against-prolonged-use-magnesium-sulfate-stop-pre-term>.

60. Abbassi-Ghanavati M, Alexander JM, McIntire DD, et al. Neonatal Effects of Magnesium Sulfate Given to the Mother. *Am J Perinatol*. 2012;29(10):795-799.

61. Brown B, Wright C. Safety and efficacy of supplements in pregnancy. *Nutr Rev*. 2020;78(10):813-826.

62. Vašková A. Magnézium v gynekológii. *Súč Klin Pr*. 2017;1:8-12.

63. Makrides M, Crosby DD, Shepherd E, et al. Magnesium supplementation in pregnancy. *Cochrane Database Syst Rev*. 2014;2014(4):CD000937.