



中华临床医师杂志 (电子版)

Chinese Journal of Clinicians (Electronic Edition)

登

期刊导读

8卷17期 2014年9月 [最新]

期刊存档

期刊存档

[查看目录](#)

期刊订阅

在线订阅

邮件订阅

RSS

作者中心

资质及晋升信息

作者查稿

写作技巧

投稿方式

作者指南

编委会

期刊服务

建议我们

会员服务

广告合作

继续教育

您的位置: [首页](#)>> 文章摘要[中文](#)[English](#)

氧化应激作用与妊娠期高血压疾病的关系

管中, 李怀芳

200065 上海, 同济大学医学院附属同济医院妇产科

李怀芳, Email: huaifangli@126.com

国家自然科学基金青年基金项目(81300500)

摘要: 氧化应激就是指体内氧化与抗氧化的作用失衡, 倾向于氧化, 进而激活或损伤内皮细胞。妊娠期高血压疾病发病中所起的作用受到人们的广泛关注。通过研究妊娠期高血压疾病发病时体的变化, 氧化应激与妊娠期高血压疾病的关系进一步被揭示。

关键词: 高血压, 妊娠性; 氧化性应激; 生物学标记; 血管细胞内皮损伤

[评论](#) [收藏](#) 全

文献标引: 管中, 李怀芳. 氧化应激作用与妊娠期高血压疾病的关系[J/CD]. 中华临床医师杂志: 电子版, 2014, 8(17): 1-7.

参考文献:

- [1] Al-Jameil N, Aziz Khan F, Fareed Khan M, et al. A Brief Overview of Preeclampsia. *Res*, 2014, 6(1): 1-7.
- [2] Agarwal A, Aponte-Mellado A, Premkumar BJ, et al. The effects of oxidative stress on reproduction: a review[J]. *Reprod Biol Endocrinol*, 2012, 10: 49.
- [3] Ji L, Brkic J, Liu M, et al. Placental trophoblast cell differentiation: physiological regulation and pathological relevance to preeclampsia[J]. *Mol Aspects Med*, 2013, 34(1): 1-12.
- [4] Roberts JM, Bell MJ. If we know so much about preeclampsia, why haven't we cured it[J]. *J Reprod Immunol*, 2013, 99(1/2): 1-9.
- [5] Reister F, Frank HG, Kingdom JC, et al. Macrophage-induced apoptosis limits trophoblast invasion in the uterine wall of preeclamptic women[J]. *Lab Invest*, 2001, 81(10): 1381-1388.
- [6] Bilodeau JF. Review: maternal and placental antioxidant response to preeclampsia: vasoactive eicosanoids[J]. *Placenta*, 2014, 35 Suppl: S32-38.
- [7] Gupta S, Aziz N, Sekhon L, et al. Lipid peroxidation and antioxidant status: a systematic review[J]. *Obstet Gynecol Surv*, 2009, 64(11): 750-759.

[8] Gohil JT, Patel PK, Gupta P. Evaluation of oxidative stress and antioxidant of preeclampsia[J]. J Obstet Gynaecol India, 2011, 61(6): 638–640.

[9] Burton GJ, Jauniaux E. Oxidative stress[J]. Best Pract Res Clin Obstet Gynaecol, 2008, 22(3): 287–299.

[10] Alasztes B, Kukor Z, Panczel Z, et al. [The pathophysiology of preeclampsia: two-stage model][J]. Orv Hetil, 2012, 153(30): 1167–1176.

[11] Szadejko K, Szabat K, Ludwichowska A, et al. [Homocysteine and its role in preeclampsia, Alzheimer's disease and other neurodegenerative disorders][J]. Przegl Lek, 2013, 70(1): 1–5.

[12] Joseph J, Loscalzo J. Methoxistasis: integrating the roles of homocysteine and nitric oxide in cardiovascular pathobiology[J]. Nutrients, 2013, 5(8): 3235–3256.

[13] Masoura S, Kalogiannidis IA, Gitas G, et al. Biomarkers in pre-eclampsia: a tool for early detection of the disease[J]. J Obstet Gynaecol, 2012, 32(7): 609–616.

[14] Micle O, Muresan M, Antal L, et al. The influence of homocysteine and oxidative stress on pregnancy outcome[J]. J Med Life, 2012, 5(1): 68–73.

[15] Cagnin A, Leon A, Vianello D, et al. LDL density and oxidation are modulated by apolipoprotein E genotype in patients with Alzheimer's disease[J]. J Alzheimers Dis, 2013, 34(2): 377–386.

[16] Genc H, Uzun H, Benian A, et al. Evaluation of oxidative stress markers in pregnant women: a tool for assessment of preeclampsia risk[J]. Arch Gynecol Obstet, 2011, 284(6): 1367–1373.

[17] Acikgoz S, Bayar UO, Can M, et al. Levels of oxidized LDL, estrogens, and proinflammatory cytokines in placenta tissues and serum paraoxonase activity in preeclampsia[J]. Mediators Inflamm, 2013, 2013: 862982.

[18] Miyagami S, Koide K, Sekizawa A, et al. Physiological changes in the pattern of gene expression early in the first trimester[J]. Reprod Sci, 2013, 20(6): 710–714.

[19] Tortladze M, Kintraia N, Parkauli M, et al. [Blood antioxidant enzyme activities in pregnant women with physiological and preeclampsia syndrome complicated pregnancy][J]. Georgian Med News, 2011, 168: 10–14.

[20] Laskowska M, Laskowska K, Leszczynska-Gorzelak B, et al. Asymmetric dimethylarginine and asymmetric dimethylarginine dimethylaminopeptidase in normotensive pregnant women with isolated fetal intrauterine growth restriction: a comparison with healthy pregnant women and with preeclamptic women with and without intrauterine growth restriction[J]. J Matern Fetal Neonatal Med, 2011, 24(7): 936–942.

[21] Laskowska M, Laskowska K, Terbosh M, et al. A comparison of maternal serum concentrations of asymmetric dimethylarginine, asymmetric dimethylarginine dimethylaminopeptidase, endothelial nitric oxide synthase, and homocysteine in preeclamptic pregnancies[J]. Med Sci Monit, 2013, 19: 430–437.

[22] Mistry HD, Kurlak LO, Williams PJ, et al. Differential expression and distribution of glutathione peroxidases 1, 3 and 4 in normal and preeclamptic pregnancy[J]. Placenta, 2008, 28(4): 402–408.

[23] Malinova M, Paskaleva V. [Selenium and glutathione peroxidase in patients with preeclampsia][J]. Akush Ginekol (Sofiia), 2013, 52(5): 3–7.

[24] Siddiqui IA, Jaleel A, Al' Kadri HM, et al. Biomarkers of oxidative stress in eclampsia[J]. Biomark Med, 2013, 7(2): 229–234.

[25] Atiba AS, Abbiyesuku FM, Niran-atiba TA, et al. Free radical attack on membrane antioxidant vitamins in the course of pre-eclamptic pregnancy[J]. Ethiop J Health Sci, 2012, 22(1): 41–42.

综述

氧化应激作用与妊娠期高血压疾病的关系

管中, 李怀芳. . 中华临床医师杂志: 电子版
2014;8(16):3012–3015.

[摘要](#) [FullText](#) [PDF](#) [评论](#) [收藏](#)

肺动脉高压药物靶向治疗的展望

苏威, 李江. . 中华临床医师杂志: 电子版
2014;8(16):3016–3020.

[摘要](#) [FullText](#) [PDF](#) [评论](#) [收藏](#)

非高密度脂蛋白胆固醇与心脑血管病风险研究进展

刘慧. . 中华临床医师杂志: 电子版
2014;8(16):3021–3024.

[摘要](#) [FullText](#) [PDF](#) [评论](#) [收藏](#)

结直肠癌循环肿瘤细胞的研究进展

王瑞玲, 李雪, 孙鹏, 邢佳, 杨英杰. . 中华临床医师杂志: 电子版
2014;8(16):3025–3030.

[摘要](#) [FullText](#) [PDF](#) [评论](#) [收藏](#)

高容量血液滤过治疗重症感染伴多器官功能障碍综合征的研究进展

程书立, 李茂琴, 许铁. . 中华临床医师杂志: 电子版
2014;8(16):3031–3035.

[摘要](#) [FullText](#) [PDF](#) [评论](#) [收藏](#)

尿道下裂的遗传学研究进展

邵胜, 梁朝朝, 张力, 陈先国. . 中华临床医师杂志: 电子版
2014;8(16):3036–3039.

[摘要](#) [FullText](#) [PDF](#) [评论](#) [收藏](#)