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## 高血压病理状态下肾脏药物转运体的变化及其临床意义

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**关键词:** 高血压

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### 参考文献:

- [1] Lawes CM, Vander Hoorn S, Rodgers A, et al. Global burden of blood-pressure-related disease, 2001. *Lancet*, 2008, 371:1513-1518. :[\[PubMed\]](#)
- [2] 胡盛寿, 孔灵芝. 中国心血管病报告2007. 北京: 中国大百科全书出版社, 2009:2-3.
- [3] Soleimani M, Alborzi P. The role of salt in the pathogenesis of fructose-induced hypertension. *Int J Nephrol*, 2011, 2011:392708. :[\[PubMed\]](#)
- [4] He J, Gu D, Chen J, et al. Premature deaths attributable to blood pressure in China: a prospective cohort study. *Lancet*, 2009, 374:1765-1772. :[\[PubMed\]](#)
- [5] 陆再英. 内科学. 北京: 人民卫生出版社, 2008:253-255.
- [6] Hirohashi T, Suzuki H, Sugiyama Y. Characterization of the transport properties of cloned rat multidrug resistance-associated protein 3 (MRP3). *J Biol Chem*, 1999, 274:15181-15185. :[\[PubMed\]](#)
- [7] Spector R, Johanson C. Micronutrient and urate transport in choroid plexus and kidney: implications for drug therapy. *Pharm Res*, 2006, 23:2515-2524. :[\[PubMed\]](#)
- [8] Sun J. Absorption and Transport of Oral Drugs. 2nd ed. Beijing: People's medical publishing house, 2006:199.
- [9] Fletcher JI, Haber M, Henderson MJ, et al. ABC transporters in cancer: more than just drug efflux pumps. *Nat Rev Cancer*, 2010, 10:147-156. :[\[PubMed\]](#)
- [10] Subramanya AR, Ellison DH. Sorting out lysosomal trafficking of the thiazide-sensitive Na-Cl Co-transporter. *J Am Soc Nephrol*, 2010, 21:7-9. :[\[PubMed\]](#)
- [11] Guo X, Meng Q, Liu Q, et al. Peptide cotransporter 1 in intestine and organic anion transporters in kidney are targets of interaction between JBP485 and lisinopril in rats. *Drug Metab Pharmacokinet*. 2011 Nov 29. : [\[PubMed\]](#)
- [12] Anzai N, Kanai Y, Endou H. Organic anion transporter family: current knowledge. *J Pharmacol Sci*, 2006, 100:411-426. :[\[PubMed\]](#)
- [13] Deguchi T, Kouno Y, Terasaki T, et al. Differential contributions of rOat1 (Slc22a6) and rOat3 (Slc22a8) to the in vivo renal uptake of uremic toxins in rats. *Pharm Res*, 2005, 22:619-627. :[\[PubMed\]](#)
- [14] Enomoto A, Niwa T. Roles of organic anion transporters in the progression of chronic renal failure. *Ther Apher Dial*, 2007, 11 Suppl 1:S27-31. :[\[PubMed\]](#)
- [15] Enomoto A, Takeda M, Taki K, et al. Interactions of human organic anion as well as cation transporters with indoxyl sulfate. *Eur J Pharmacol*, 2003, 466:13-20. :[\[PubMed\]](#)
- [16] Ji L, Masuda S, Saito H, et al. Down-regulation of rat organic cation transporter rOCT2 by 5/6 nephrectomy. *Kidney Int*, 2002, 62:514-524. :[\[PubMed\]](#)
- [17] Niwa T. Uremic toxicity of indoxyl sulfate. *Nagoya J Med Sci*, 2010, 72:1-11. :[\[PubMed\]](#)
- [18] Nakamura N, Masuda S, Takahashi K, et al. Decreased expression of glucose and peptide transporters in rat remnant kidney. *Drug Metab Pharmacokinet*, 2004, 19:41-47. :[\[PubMed\]](#)

[19] Tramonti G, Xie P, Wallner EI, et al. Expression and functional characteristics of tubular transporters: P-glycoprotein, PEPT1, and PEPT2 in renal mass reduction and diabetes. *Am J Physiol Renal Physiol*, 2006, 291:F972-F980. :[\[PubMed\]](#)

[20] Sun H, Frassetto L, Benet LZ. Effects of renal failure on drug transporter and metabolism. *Pharmacol Ther*, 2006, 109:1-11. :[\[PubMed\]](#)

[21] Sakurai Y, Motohashi H, Ueo H, et al. Expression levels of renal organic anion transporters (OATs) and their correlation with anionic drug excretion in patients with renal diseases. *Pharm Res*, 2004, 21:61-67. :[\[PubMed\]](#)

[22] Huang ZH, Murakami T, Okochi A, et al. Expression and function of P-glycoprotein in rats with glycerol-induced acute renal failure. *Eur J Pharmacol*, 2000, 406:453-460. :[\[PubMed\]](#)

[23] Yamauchi T, Ueda T. Primary hyperuricemia due to decreased renal uric acid excretion. *Nihon Rinsho*, 2008, 66:679-681. :[\[PubMed\]](#)

[24] 程虹. 慢性肾脏病高血压的治疗[J/CD]. *中华临床医师杂志: 电子版*, 2009, 3:1032.

[25] Bonate PL, Reith K, Weir S. Drug interactions at the renal level. *Clin Pharmacokinet*, 1998, 34:375-404. :[\[PubMed\]](#)

[26] Han YF, Fan XH, Wang XJ, et al. Association of intergenic polymorphism of organic anion transporter 1 and 3 genes with hypertension and blood pressure response to hydrochlorothiazide. *Am J Hypertens*, 2011, 24:340-346. :[\[PubMed\]](#)

[27] Terada T, Inui K. Gene expression and regulation of drug transporters in the intestine and kidney. *Biochem Pharmacol*, 2007, 73:440-449. :[\[PubMed\]](#)

[28] Uwai Y, Saito H, Hashimoto Y, et al. Interaction and transport of thiazide diuretics, loop diuretics, and acetazolamide via rat renal organic anion transporter. *J Pharmacol Exp Ther*, 2000, 295:261-265. :[\[PubMed\]](#)

[29] Sweeney DE, Vallon V, Rieg T, et al. Functional Maturation of Drug Transporters in the Developing, Neonatal and Postnatal Kidney. *Mol Pharmacol*, 2011, 80:147-154. :[\[PubMed\]](#)

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