



Publications

CYP2D6 and CYP2C19-SSRIs Clinical Decision Support

Last Updated February 9, 2017

1. Nassan M, Nicholson WT, Elliott MA, Rohrer Vitek CR, Black JL, Frye MA. Pharmacokinetic Pharmacogenetic Prescribing Guidelines for Antidepressants: A Template for Psychiatric Precision Medicine. *Mayo Clin Proc.* 2016 Jul;91(7):897-907. doi: 10.1016/j.mayocp.2016.02.023. Review. PubMed PMID: 27289413.
2. Dunnenberger HM, Crews KR, Hoffman JM, Caudle KE, Broeckel U, Howard SC, Hunkler RJ, Klein TE, Evans WE, Relling MV. Preemptive clinical pharmacogenetics implementation: current programs in five US medical centers. *Annu Rev Pharmacol Toxicol.* 2015;55:89-106. doi: 10.1146/annurev-pharmtox-010814-124835. Review. PubMed PMID: 25292429; PubMed Central PMCID: PMC4607278.
3. Ji Y, Skierka JM, Blommel JH, Moore BE, VanCuyk DL, Bruflat JK, Peterson LM, Veldhuizen TL, Fadra N, Peterson SE, Lagerstedt SA, Train LJ, Baudhuin LM, Klee EW, Ferber MJ, Bielinski SJ, Caraballo PJ, Weinshilboum RM, Black JL 3rd. Preemptive Pharmacogenomic Testing for Precision Medicine: A Comprehensive Analysis of Five Actionable Pharmacogenomic Genes Using Next-Generation DNA Sequencing and a Customized CYP2D6 Genotyping Cascade. *J Mol Diagn.* 2016 May;18(3):438-45. doi: 10.1016/j.jmoldx.2016.01.003. PubMed PMID: 26947514; PubMed Central PMCID: PMC4851731.
4. Brixner D, Biltaji E, Bress A, Unni S, Ye X, Mamiya T, Ashcraft K, Biskupiak J. The effect of pharmacogenetic profiling with a clinical decision support tool on healthcare resource utilization and estimated costs in the elderly exposed to polypharmacy. *J Med Econ.* 2016;19(3):213-28. doi: 10.3111/13696998.2015.1110160. PubMed PMID: 26478982.
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