

Propositions

1. The number and duration of prescription drug shortages in the U.S. have increased over time. *This thesis.*
2. Prescription drug shortages in the U.S. disproportionately impact sterile injectable products. *This thesis.*
3. Antimicrobial agents are the most common therapeutic class of medications impacted by prescription drug shortages. *This thesis.*
4. Natural disasters can precipitate critical shortages of basic medical supplies. *This thesis.*
5. Manufacturing problems have been the most commonly cited reason for prescription drug shortages. *This thesis.*
6. Longer drug shortage duration was associated with generic drug price increases. *Dave CV, Pawar A, Fox ER et al. Predictors of drug shortages and association with generic drug prices: a retrospective cohort study. Value Health 2018;21:1286-90.*
7. Lower priced generic drugs were more commonly impacted by prescription drug shortages compared to moderate and higher-priced generic drugs. *Dave CV, Pawar A, Fox ER et al. Predictors of drug shortages and association with generic drug prices: a retrospective cohort study. Value Health 2018;21:1286-90.*
8. Shortages of parenteral nutrition components have been associated with nutritional deficiency in children. *Davic C, Javid PJ, Horslen S. Selenium deficiency in pediatric patients with intestinal failure as a consequence of drug shortage. J Parenter Enteral Nutr 2014;38:115-8.*
9. Prescription drugs on shortage have been found for sale on suspect online websites without safety or quality controls. *Liang BA, Mackey TK. Online availability of drugs in shortage: a descriptive study of internet vender characteristics. J Med Internet Res 2012;14:e27.*
10. Drug shortages have been implicated in decreased compliance with beta-blocker therapy in the post-myocardial infarction setting. *Bykov K, Gagne JJ, Wang B et al. Impact of a metoprolol extended release shortage on post-myocardial infarction beta-blocker utilization, adherence, and rehospitalization. Circ Cardiovasc Qual Outcomes 2018;11:e004096.*
11. Once you have had a wonderful dog, a life without one, is a life diminished. *Author Dean Koontz.*