

DBQ #1 (Chemistry – Lee)

DUE _____ on TurnItIn.com by 11:59 PM

Questions:

- 1) How much caffeine was intended to be used for each person in the study? How much was actually used? How many times more caffeine was actually given as compared to the intended dose?
- 2) Research and describe what a *risk assessment* is.
- 3) “Micro” means millionth. The doctor ordered that every 100 mL of IV fluid for the baby should contain 330 micrograms of zinc. “Milli” means thousandth. The pharmacist unintentionally selected 330 milligrams of zinc for every 100 mL of IV fluid. How many times more zinc was the baby getting? What are the effects of zinc overdose?
- 4) How did Goff misunderstand the TPN orders? What other hospital errors lead to the tragedy?
- 5) Describe all the major changes the hospital made after the baby’s tragic death.
- 6) According to the graph, approximately how many more deaths occurred in 1998 than in 1994 from medication/prescription errors?
- 7) What is a transcription error? Additionally, provide three examples from the article.
- 8) Which state had the highest number of medical deaths?
- 9) A doctor handwrites a prescription for a particular medicine: 275 mg per day, for 5 days. The pharmacist sees it as 775 mg for 8 days. How many times more medication will the person accidentally receive in total?
- 10) Some people think “pharmacy technicians shouldn’t question the pharmacist,” or that “nurses shouldn’t question the doctor.” Create a one-paragraph argument for why medical practitioners *should* question their coworkers or verify orders for the safety of their patients.