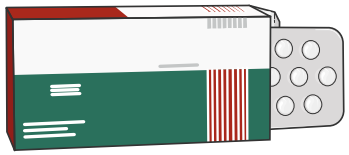
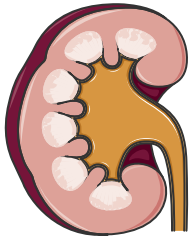
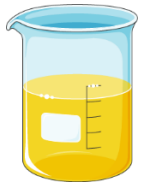
Therapy monitoring in Wilson Disease

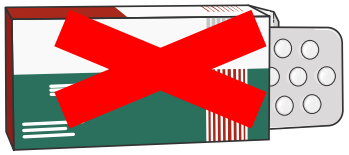


Sampling on chelation therapy



24-hour urinary sample

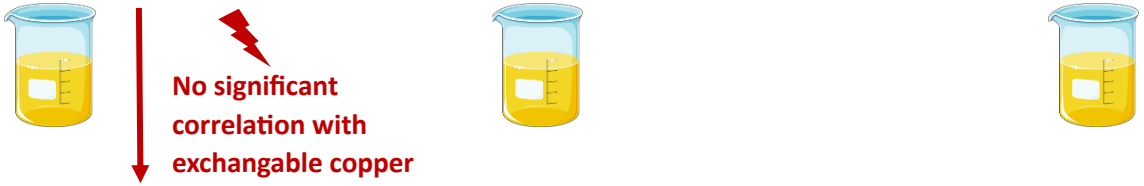




Sampling off chelation therapy

24-hour urinary copper excretion within reference value 3-8µmol/d

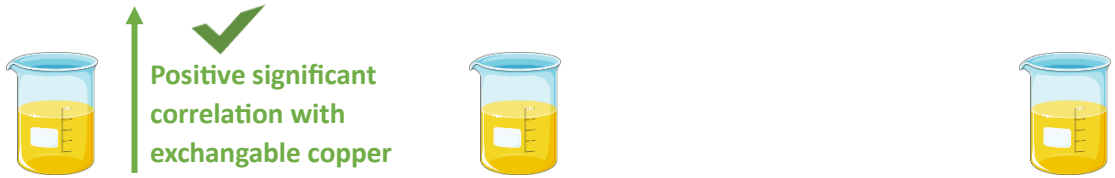
51% 66% 56%



No significant correlation with exchangable copper

Discordant 24-hour urinary copper results related to reference values

51% 41% 54%



Positive significant correlation with exchangable copper

24-hour urinary copper excretion within reference value < 1.6 µmol/d

47% 61% 47%

12months

Results in about half of the pairwise 24-hour urinary results would implicate discordant therapeutic conclusions