Wet and dry approaches to enhancing contextual understanding of pharmacokinetics in UG and PG teaching

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Problem:
Pharmacokinetics is hard! I can’t see the relevance!

Solution 1: suite of PK practicals
Didactic teaching
“dry” “dull” “disconnected”
blackboard

Outcomes:
benchtop

Solution 2: online simulations

Outcomes:
benchtop

UG student performance in PK assessments compared to others

mean UG % marks

40 45 50 55 60 65
PK Other areas

UG performance in PK assessments compared to other areas before and after use of new approaches

mean UG % marks

40 50 60 70
PK Other areas

before after

understood the theory after the lab work
Clear and useful
Brought PKs to life

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understood the theory after the lab work

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