

CRM dose-escalation

Continuous Reassessment method

CRM [O'Quigley *at al.*, 1990]

Objective: identify the optimal dose

(i.e. Minimum Efficient Dose or Maximum Tolerated Dose)

⇒ select iteratively the dose for the next (batch of) recruited patient(s)
based accumulating observations from previously included patients

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- 😊 treat each patient ethically (dose best supported by the current evidence)
- 😊 *prior* knowledge
- 😊 sequential Bayesian: online update of the posterior

increasingly used (but still minority. . .)

Your turn !



Practical: exercise 7