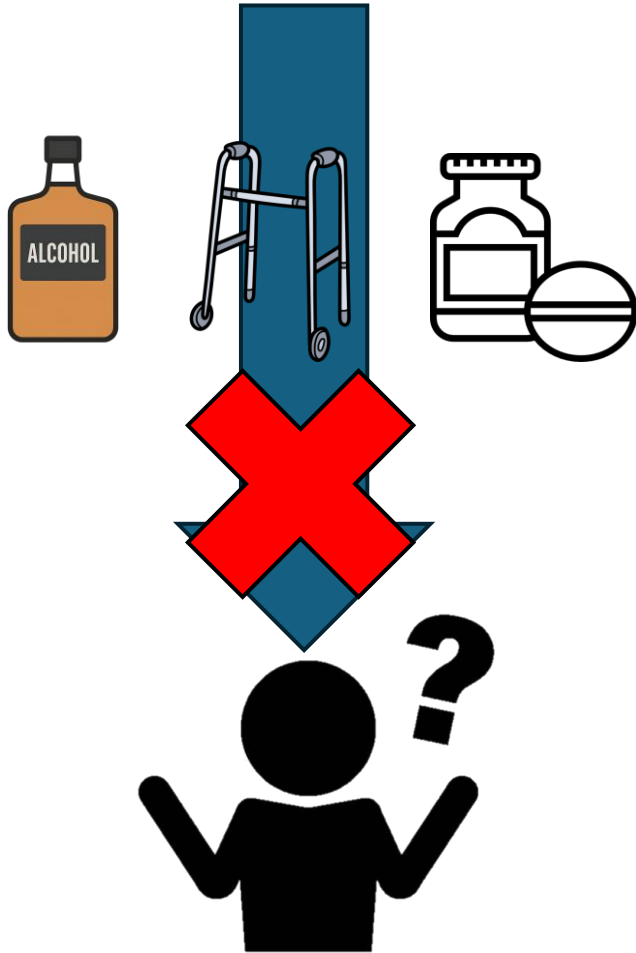


Reducing Unnecessary CT Scans for mTBI in Edmonton EDs

Skoblenick KJ, Rowe BH

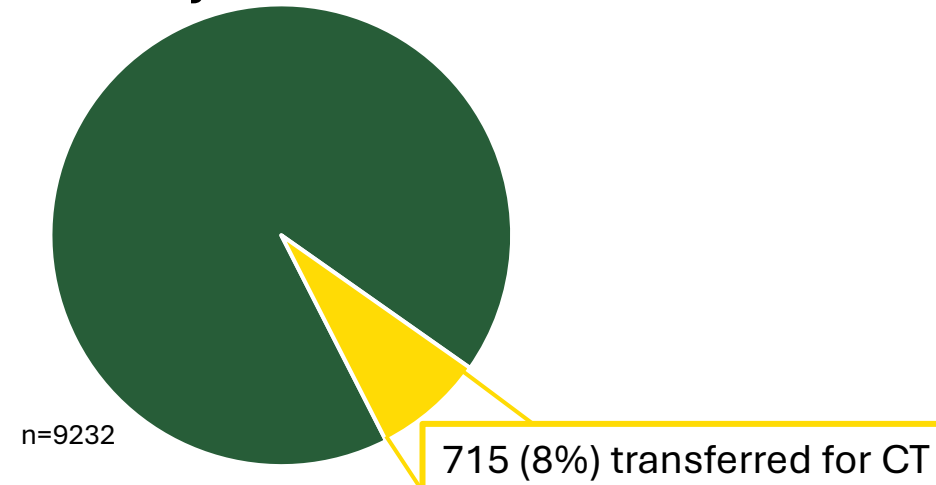
Department of Emergency Medicine – University of Alberta, Edmonton, AB

Canadian CT Head Rule

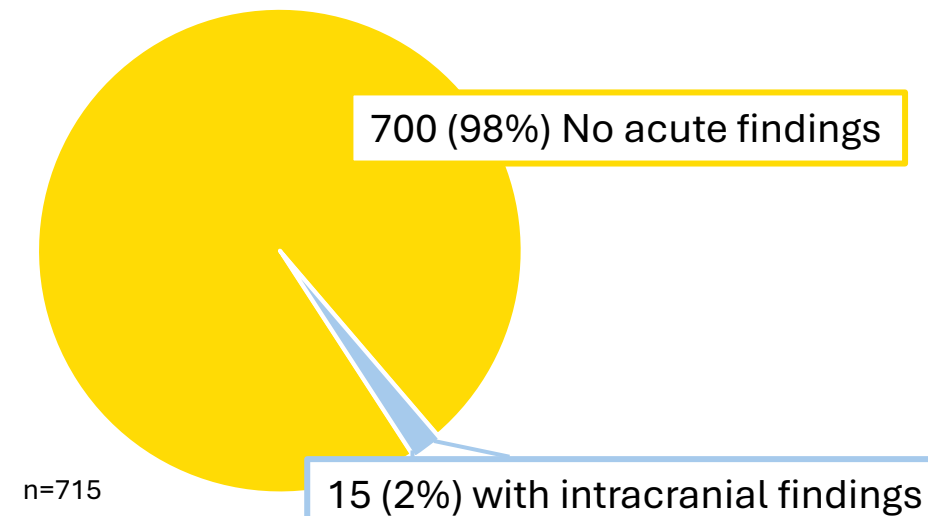


Excluded patients
“SEND FOR CT SCAN”

Head Injuries at NEHC + EEHC



Transferred Patient Results



mTBI Biomarker

Proteins: GFAP + UCH-L1

Sensitive up to 24h after injury

POC Device – Results in 15m

Sensitivity: 97%

NPV: 99%

QI Metrics



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