Practically Significant Dose Evaluation Preliminary Observations

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Proposal

- Identify NOCTS claims with a single cancer
 - Select those with a probability of causation (PC) between 45 and 50%
- Insert a 0 mrem external exposure line for each case
 - Perform 30 IREP runs of 10,000 iterations for each and calculate the average PC
- Change the 0 mrem exposure to 100 mrem
 - Perform 30 IREP runs of 10,000 iterations for each and calculate the average PC
- 175 out of ~38,000 claims with dose reconstructions met the selection criteria







Preliminary Results

Summary for All Cases			
	Average for all cases	Difference	# >50%
Original in NOCTS	47.38	-	-
Addition of zero dose	47.38	0.00	0
Addition of 100 mrem	47.43	0.06	0





