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	Likelihood Group	Example of Probability of Harm
	4	Occurs every time
	3	High likelihood or considerable certainty, reasonable probability to occur
	2	Expected to occur from time to time, infrequent or small likelihood
	1	Not expected to occur
	0	Inconceivable, not possible

	Risk assessment: 2. Determine the severity of harm		
	Severity Level	Examples of Harm	
	4	Directly results in death	
	3	Serious or life-threatening injury, permanent impairment	
	2	Results in moderate injury, temporary impairment, or self-limiting illness	
	1	Results in minor or no injury	



A risk decision

An HDR brachytherapy component failed during treatment. Alerts to staff prevented any harm to the patient. National tracking data show the mean time to failure of this component to be 1,000,000 uses. There are 4,000 devices in the field used once daily.

Is this risk acceptable?

















