



Q8:				Q8. In a randomized clinical trial testing a new drug designed to prevent breast cancer occurrence, 1000 healthy women between the ages of 60 and 65 were given the drug and 1000 were given the placebo for 5 years. Only 10 cases of breast cancer were detected among the new drug group, while 40 cases among the placebo group. What is the relative risk of breast	
	B.C	Non	Total	cancer in patients exposed to drug?	
Dag	10	990	1000	Relative_ Incidence of Drug Risk Incidence of Placebo	
Placebo	40	960	1000	Tisk Incidence of Phicebo	
Total	50	1950	2000	= 1 = 0,25 => so The Drug is Protective	
	L-C	No L.C	Totall	Q9. Al Karaka hospital conducted a study on 7000 subjects who were smokers over a ten-year	
Smoker		69 30	7000	period & found 70 subjects developed lung cancer. Concurrent evaluation of general population in the catchment area of hospital, out of 7000 non-smoker subjects only 7 developed lung cancer. The RR for developing lung cancer is?	
Snoker	7	6993	7000		
Total	77	13923	14000	$In_s = \frac{70}{7000} \times 100 - 1$	
0.0		P	1	In N = 7 ×100 = 011	
RI	R = Incidane Incidanc	e of non-smoker	= 1	-10 > smoking risk factor	
Smoking Non snaping	Asthma 75	75 225	150 300	Q10. A study of 150 children with a childhood Asthma compared with 300 Asthma free children, to examine past experiences of smoking that may contribute to the development of the Asthma. History of smoking was found in 75 case of each group What kind of study is this? Calculate the OR of smoking	
Total	150	300	450		
	OR = A	V/bC	- 75 7	5×225 = 3 5×75	
	Type	of study >	- Case (Control.	

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