



PCDT): Brobability of Aquiring clience during test
PCDT): "I not Aquiring" " PCSSIT): Brobability of Seccessfully Lurgary given Tost is performed. PCDT) = 0.005 P(DT)= 0.925 PCSS/T) = PCt+) x PCSS/T) + PCDT/x PCSS/6+)=0.98; PCDT)=0.195 P(t-)= P(t-155) x P(ss) + P(-155) x P(ss)  $= (0.05) \times (0.8) + (0.95) \times (0.5) = 0.23$ 10 P(t+) = 0.77 P(SS/4-) = 0.17 Rettall the value in Eq 1 MCSS/T) = 0-78 No, the fest should not be contracting prior to operation because it decrease is the PCD & succeeped surgery to 0.78 on the other hand succept surgely willow any tell is 0.8 Population -) decision f Jell Not injected Swurine Disease NO PCC104)=1 NO Survive NO

