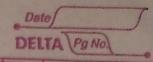


DELTA PONO A.T.Q. Pest sill be done for a polient before TesT. No Surgery Should be 9 NUSSILVINE P Curvive Surgery given tre) = 0.95 Plant sirve given positive) - 0.05 find. P(Survive | tre) = P(tre | Survives) P(Survive Surge) D(we) 9 (tre) - P (tre | survive.) + P (tre | not survive) = 0.95×0.8 + 0.05×0.2 #P(-ve) = 0.77



9 (survives +ve PCSurine Surgery L+ve = 0.95x0.8 = 0.987 P (Loestid Swining (tre) = d) Yes, the Surgery should be performed if the negative the outcome of test- is bine given some Cases because The false we Rate is too low. => The surviving of the person is highly likely.

