2 sample-prop P = prop. of all patients that would survive ... W/C.A W/OC.A random a ssigned sfintement (talk a $P_{u} = \frac{34}{40} = .85$ $P_{u/0} = \frac{135}{35} = .5429$ $P_{c} = \frac{53}{75} = .7067$ cond .. Ho: Pur = 40 (.7067) ≥5 40(1-.7067) ≥ 5 $H_{a} P_{\omega_{1}} > P_{\omega_{10}} = \frac{35(7067) \ge 5}{35(1-7067) \ge 5}$ $Z = \frac{.85 - .5439}{\sqrt{.7047(1 - .7047)(\frac{1}{40} + \frac{1}{35})}} = 2.91$ P(z = 2.91) = .0018with a p-value of . 0018, this is sign at the OI level. There is (or 1005) enough evid. to reject Ho. Based on this sample, there is evid. that the disenfectant would reduce incidence of infection and death. deathrate (1-Survival) 15-.457) ± 1.96 (-15(1-.15)+ ·457(1-.457)) 35 W/C.A -. 3071 ±.1987 7.5 Survivod = 85 -15(40)≥5 40(1-13)25 25 35(.45)25 25 (-. 5058, -. 1084) died=.15 95% conf. Garb.acid decreased deathrate Over 0/0 c. a. by . 1084 to . 5058 experiment (he performed surgery w/ or w/o c.») · Should have: - randomly assigned (conditions not met) because no randomassignment