

## Indications and Results of DCR with Silicon Tube Intubations

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This prospective study was conducted at Chandka Medical College Hospital from May 1998 to April 2000. A total of forty procedures were performed on 34 females and 6 male patients. The study was conducted to evaluate the efficacy of external dacryocystorhinostomy (DCR) with silicon tube intubation in selected cases. The diagnosis was done on the basis of regurgitation, syringing, probing, lacrimal scintigraphy and dacryocystography (in few selected cases). In all cases standard surgical procedure was done by anastomosing anterior and posterior sac flaps to the respective nasal mucosal flaps in nineteen cases, only anterior lacrimal sac flap and respective nasal flaps in nineteen cases and anterior sac flap to periosteum at the anterior bony margin in two cases. The silicon tube was kept in place for six months except in one case where it was for four months, she was intolerant to it and rest tolerated it well. The patients were followed-up for another period of six months more after tube removal. Out of forty, 38 procedures (95%) were successful. Success was judged by relief of epiphora and positive Jones Dye test 1. The two failed cases (5%) lost tube in early post-operative period.