**QI PROJECT: Reduction of Surgical Site Infections Especially Post Caesarean Section.**

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| **1.Project title** | Reduction of Surgical Site Infections Especially Post Caesarean Section | |
| **2. Project team leader** | Colette | |
| **3.Project team member** | Colette | |
| **4.Problem statement** | Poste c-Section surgical site infection rate still high | |
| **5.Goal statement and target** | To reduce post c-section surgical site infection rate to 2% in MUHIMA DH by sept 2022 | |
| **6.Indicator distribution** | **a.** Numerator r: number of mothers who develop post c-section surgical site | |
|  | **b.** Denominator: total number of c-section2.4% | |
| **7.Baseline** | 2.4% | |
| **8.Taget** | 2% | |
| **9.Problem analysis** | Based on available data from second quarterly report in 2020-2021, cases of post c-section surgical site infection are still occurring among mothers who undergo c-section in maternity of MUHIMA District hospital. Most likely those surgical site infections are due to insufficient measure of infection control prior, during and in post-operative our QI project aim to improve infection control measures. | |
| **10. Plan**  11.Do | **Root cause**  1.Patient related poor hygiene  **2.**Prolonged lobor and multiple vaginal examen inlabor ward  **3.**Non trained staffs on infection prevention and control program (maternity,theatre,sugery) Sterilization and laundry.  **4.**Inadequate of prophylactic antibiotics.  **5.**Poor cleaning and sterilization of operating theatre  **6.**Not respected operating theatre privacy  **7.**Inadequate preparation of disinfectant and its conservation  **8.**Poor wound care by medical team  **9.**Insufficient patient health education at discharge time  **10.** Insufficient sterilization  And laundry Unit  Selected intervantions (solutions) | **Selected intervention (solutions)**  **1.**Communication of clinical outcome to the clinical staff  **2.**Presentation on IPC program  **3.**Routine vaginal preparation before caesarean section  **4.**General body shower in the morning  For programmed cases  **5.**Respect surgical safety checklist  **6.**Respect the sterility of the operating room  **7.**Disinfectant preparation in sterilization service following IPC standards  **8.**Patient education before discharge  **9.**Rercuitment of more staff in laundry and sterilization  **10.**Purchase of new equipment in laundry and sterilization |
| 12.Study | Cfr trends of surgicals site infection | |
| 13.Was the goal achieved | Not achieved | |
| 14.Act |  | |