**PHARMACY SERVICES DEPARTMENT**

**MEDICAL AND TEACHING INSTITUTION**

**AYUB TEACHING HOSPITAL**

**ABBOTTABAD**

**CLINICAL EFFICACY PROFORMA WORKPLAN**

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| **S.No** | **Patient name** | **MRN** | **Ward** | **Problem identified** | **DRP#** | **QA#** | **TI #** | **A#** | **Pharmacist remarks** |
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| **Drug Related Problem (DRP)** | | **Qualitative assessment (QA)** | | **Type of intervention (TI)** | **Acceptance (A)** | **Quntitave Assessment for sample size** |
| 1. No indication of drug therapy 2. Inappropriate drug selection 3. Wrong dose 4. Wrong frequency 5. Wrong route 6. Wrong rate 7. Experiencing ADRs or side effect | 1. Drug drug interaction 2. Drug food interaction 3. Drug lab test interaction 4. Drug allergy 5. Pregnancy precaution 6. Renal dose adjustment 7. Hepatic dose adjustment | 1. Improvement in clinical condition 2. No improvement in clinical condition 3. DTL report absent 4. DTL report satisfactory 5. Culture sensitivity report absent 6. Lab investigations improved 7. Lab investigations not improved | 1. Storage proper 2. Storage improper 3. Patient disease similar 4. Patient disease not similar 5. Problem reported in other hospitals of KPK 6. Problem not reported in other hospitals of KPK | 1. Pharmacokinetics 2. Pharmacotherapeutics 3. Drug interaction 4. Dose adjustment 5. miscellaneous | 1. Accepted 2. Modified then accepted 3. Rejected with valid reason 4. Rejected with invalid reason   \*if 3 or 4 write reason on the back of page | Reference:  Biostatistics: A foundation for analysis in the health sciences. Wiley Global education:2012 |

* where, N=population size, Z=1.96, P=expected proportion (0.5), d=precision (0.05)
* For example if N= 100 patients, the resultant sample size is 80 and if N=200 patients, the resultant sample size is 132