# **Evaluating the effects of organizational and educational interventions on adherence to clinical practice guidelines in a low resource primary care setting in Kenya**

**Appendices [Proposed to be included as *Supplementary Data*]**

**Appendix 1 – Response coding for the 17 clinical quality measures, by medical condition.**

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| **1. Urinary Tract Infections** | **Yes = 1** | **No = 0** |
| CQM 1: Ask if Vaginal Discharge present |   |   |
| CQM 2: Document Pregnancy Status |   |   |
| CQM 3: Check Temperature |   |   |
| CQM 4: Check for CVA Tenderness |   |   |
| CQM 5: Prescribe Nitro or Document why not |   |   |
| **2. Vaginal Discharge** | **Yes = 1** | **No = 0** |
| CQM 6: Document #partners, protection, past STIs, pregnancy status (4 Ps) |   |   |
| CQM 7: Document findings of Speculum Exam |   |   |
| CQM 8: Check for Cervical Motion Tenderness |   |   |
| CQM 9: Take an Endocervical Swab (HVS) |   |   |
| CQM 10: Prescribe According to Diagnosis |   |   |
| **3. Tonsillitis** | **Yes = 1** | **No = 0** |
| CQM 11: Document Last HIV Test |   |   |
| CQM 12: Use all 4 Centor Criteria correctly |   |   |
| CQM 13: Prescribe According to Centor score |   |   |
| **4. Childhood Diarrhea** | **Yes = 1** | **No = 0** |
| CQM 14: 4 Dehydration Signs Documented (e.g. tears, general condition, mucus membranes, eye sunkenness) |   |   |
| CQM 15: Document 6 Vital Signs Documented (e.g. heart rate, temperature, respiratory rate, blood pressure, height, weight) |   |   |
| CQM 16: Prescribe Appropriate Rehydration |   |   |
| CQM 17: Prescribe Zinc Supplementation |   |   |

**Appendix 2 – Clinical encounter inclusion criteria, by medical condition.**

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| **CONDITION** | **Filters** | **CHIEF COMPLAINTS** | **INVESTIGATIONS** | **DIAGNOSIS** | **MEDICATION** |
| **Urinary Tract Infections (UTI)** |   | DysuriaPainful micturationPainful urinationBloody urineLower abdominal painPassing concentrated urinePassing blood in the urine | Urinalysis  | CystitisClinical UTILUTIUTIUUTIUTI in Pregnancy |   |
| **Vaginal Discharge** | Females only | PV Discharge  | High Vaginal Swab    | CandidiasisVaginal CandidiasisSexually Transmitted InfectionCervicitisVaginitisTrichomoniasisBacterial VaginosisGonorrhea  |   |
| **Tonsillitis** |   | Painful swallowingSore throatThroat pain |   | TonsillitisPharyngitisViral tonsillitis |   |
| **Childhood Diarrhoea**  | < = 5yrs old at time of visit (Visit Date Year – Birthday Year) | DiarrhoeaLoose stool  | Stool AnalysisSalmonella Antigen Test  | EnteritisGastritisGastro-enteritisDehydration | ZincatZinc SulphateOral Rehydration SaltsDyrade M |
| **URTI** |   | CoughDifficulty in breathingNasal congestionNasal dischargeSneezingRunning noseNasal blockage |   | Rhinitis*Acute Bacterial Sinusitis*URTIViral URTIPneumoniaLRTITB (tuberculosis)BronchitisBronchiolitis |   |