**FIGURE 1. Dashboard of tuberculosis infection control (TBIC) measures implemented by seven pilot facilities — Nigeria, 2015**

|  |  |  |  |  |  |  |  |  |
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|   |  | **BASELINE ASSESSMENT OF FACILITIES** |   | **2 MONTH EVALUATION****OF FACILITIES** |   | **4 MONTH EVALUATION****OF FACILITIES** |  | **6 MONTH EVALUATION****OF FACILITIES** |
|   | **ELEMENTS** | **A** | **B** | **C** | **D** | **E** | **F** | **G** |  | **A** | **B** | **C** | **D** | **E** | **F** | **G** | **A** | **B** | **C** | **D** | **E** | **F** | **G** | **A** | **B** | **C** | **D** | **E** | **F** | **G** |
|   | **Managerial** |  |  |  |  |  |
| 1 | The National Infection Control Policy is available on-site |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 2 | An infection control practitioner or nurse has been assigned to carry out infection control in the facility |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 3 | An infection control committee/team has been designated at this site |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 4 | A site-specific infection control plan has been written and is available to staff |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 5 | The infection control plan contains a statement of endorsement by the facility manager |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 6 | A TBIC risk assessment is completed at least annually |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 7 | Facility design and patient flow have been assessed for the best use of space and ventilation |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 8 | All patients with TB disease are managed on directly observed therapy per the national guidelines |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 9 | TBIC practices are monitored daily |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 10 | There is a facility reporting system for all patients diagnosed with TB and referred for treatment in accordance with national policies |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 11 | TBIC training for all staff has been done and documented at least annually |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 12 | Information on TBIC is available for all patients and visitors and is offered by staff |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 13 | Operational research to improve TBIC measures is conducted at this site |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 14 | An Occupational Health program is in this facility |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|   | **Administrative** |  |  |  |  |  |  |  |  |  |  |  |
| 15 | Patients are routinely asked about cough when entering the facility |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 16 | Patients that are coughing are separated from others and "fast tracked" to a clinician |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 17 | A "Cough Monitor" or other designated person gives cough etiquette guidance and assists with separation and triage |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 18 | Signage for cough etiquette is present in the clinic |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 19 | Supplies are available to coughing patients (tissues, masks, trash bins, etc.) |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 20 | Sputum samples are collected in a designated area and away from others |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 21 | Processing of sputum samples is expedited in the lab and there is a tracking mechanism to monitor turn-around time of results |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 22 | There is a tracking mechanism to monitor turn-around time of patients within the healthcare facility |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 23 | Staff receive an evaluation for TB at least annually |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 24 | A confidential log is kept of all staff that are diagnosed with TB disease |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 25 | Staff are offered an HIV test annually and offered ART if they are positive |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 26 | HIV-infected staff are reassigned if they request |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 27 | INH preventive therapy is offered to HIV-infected staff |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|   | **Environmental** |  |  |  |  |  |
| 28 | Staff monitor natural and/or mechanical airflow daily (especially in waiting rooms, sputum collection rooms, and at least one exam room) |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 29 | Healthcare workers that assist during sputum collection take precautions |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 30 | Regular cleaning and maintenance of directional and extractor fans is conducted |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 31 | Servicing documentation is maintained and is available for review  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 32 | Signage is in place to keep doors and windows open when feasible |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 33 | If UV lighting is used, routine cleaning and maintenance is conducted and documentation logs kept |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 34 | Patient waiting areas are out-of-doors or have good cross-ventilation |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|   | **Personal Protective Equipment** |  |  |  |  |  |
| 35 | Surgical masks are available and worn by coughing patients |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 36 | N-95 or FFP2 respirators are readily available and used by staff |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 37 | Staff have been trained on proper fit of respirators and documentation of training is available |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**KEY**

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| --- | --- |
| **Red** | **Appropriate interventions not implemented** |
| **Yellow** | **Appropriate interventions planned but not yet implemented** |
| **Blue** | **Not Applicable / Not assessed**  |
| **Green** | **Appropriate interventions implemented** |