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| **Supplementary table A****Operational definitions**  |
| **DR –TB** | A patient having bacilli that are resistant using phenotypic or genotypic methods to at least Isoniazid or Rifampicin (the DST result being from an RNTCP accredited IRL)  |
| **Adverse Event (AE)**  | Any untoward medical occurrence in a patient or clinical investigation subject given a pharmaceutical product; does not necessarily have a causal relationship with such treatment.(18) |
| **Loss to follow up (LTFU)** | A patient whose treatment was interrupted for one consecutive month or more.(3) |
| **Transferred out** | A patient who was transferred to another DR-TB center.(3) |
| **Addiction** | Patient reported current consumption of any addictive substance (Tobacco chewing/smoking, Alcohol) in any amount or frequency; and consuming the substance for more than a year, and not quit before a year of treatment initiation is termed as having addiction to that particular substance. |

**Supplementary table:-B**

Symptoms of adverse events (n=207) experienced by patients during first three months of initiation of DR-TB treatment under the RNTCP at DR-TB Center, Gujarat(July-September-2018)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **System involved** | **Symptom** | **Frequency** | **Percentage** |
| 1 | Gastrointestinal | Nausea/vomiting | 21 | 10.1 |
|  |  | Pain in abdomen | 11 | 5.3 |
|  |  | Diarrhea |  9 | 4.3 |
|  |  | Loss of appetite | 15 | 7.2 |
| 2 | Ophthalmology  | Pain in eyes |  8 | 3.9 |
|  |  | Diminished vision |  4 | 1.9 |
|  |  | Blurred vision |  3 | 1.4 |
|  |  | Disturbed color vision |  6 | 2.9 |
| 3 | Otolaryngology | Diminished hearing |  6 | 2.9 |
|  |  | Ringing of ear |  7 | 3.4 |
|  |  | Hearing loss |  2 | 1.0 |
|  |  | Balance |  7 | 3.4 |
| 4 | Urinary  | Anuria |  1 | 0.5 |
|  |  | Oliguria |  5 | 2.4 |
|  |  | Dark colored urine |  4 | 1.9 |
|  |  | Face swelling |  5 | 2.4 |
|  |  | Leg swelling |  2 | 1.0 |
| 5 | Psychiatric  | Suicidal |  4 | 1.9 |
|  |  | Hallucination |  3 | 1.4 |
|  |  | Depression |  2 | 1.0 |
|  |  | Abnormal behavior/thoughts |  3 | 1.4 |
| 6 | Central nervous system | Slowness of activity |  2 | 1.0 |
|  |  | Convulsion |  1 | 0.5 |
| 7 | Hepato-biliary  | Yellow skin |  5 | 2.4 |
|  |  | Yellow eye |  5 | 2.4 |
|  |  | Yellow urine |  3 | 1.4 |
| 8 | Peripheral nervous system  | Tingling/numbness/burning in lower extremity |  3 | 1.4 |
| 9 | Musculoskeletal system  | Pain in joints/tendons/walking difficulty |  6 | 2.9 |
| 10 | Dermatology  | Rash |  4 | 1.9 |
|  |  | Itch |  5 | 2.4 |
| 11 | Other  | Hair loss |  2 | 1.0 |
|  |  | Oral cavity rash |  1 | 0.5 |
|  |  | Weight gain |  4 | 1.9 |
|  |  | Bitterness of mouth |  2 | 1.0 |
|  |  | Menstruation irregularity |  1 | 0.5 |
|  |  | Lethargy/tiredness |  5 | 2.4 |
|  |  | Dryness of mouth |  7 | 3.4 |
|  |  | Pale look |  7 | 3.4 |
|  |  | Palpitation |  2 | 1.0 |
|  |  | Headache |  7 | 3.4 |
|  |  | Swelling of neck |  2 | 1.0 |
|  |  | Flu  |  4 | 1.9 |
|  | Total |  | 207 | 100.0 |