Table S3. TB treatment regimen in the included studies

|  |  |  |
| --- | --- | --- |
| **Reference** | **Type and duration of TB treatment** | **Details (if available)** |
| Agodokpessi 2012 [[22](#_ENREF_22)] | Standardized: Benin national guidelines *(Ministère de la santé, direction nationale de la protection sanitaire.* *Guide de surveillance épidemiologique et de prise en charge de la co-infection**tuberculose/VIH au Benin, 1re dition. Cotonou PNT, Septembre 2008; 56 p.)* | * New cases: (2HRZE/ 4HR)
* Retreatment cases: (2RHZES/ERHZ/5ERH)
 |
| Akksilp 2007 [[32](#_ENREF_32)] | Standardized:WHO guidelines *(World Health Organization. Treatment of tuberculosis: guidelines**for national programmes. Geneva, Switzerland: The Organization;**2003. [cited 30 Apr 2007].Available from* [*http://whqlibdoc.who.int/hq/2003/WHO\_CDS\_TB\_2003.313\_eng.pdf*](http://whqlibdoc.who.int/hq/2003/WHO_CDS_TB_2003.313_eng.pdf) | * New cases: ‘patients received isoniazid, rifampin, ethambutol, and pyrazinamide’
 |
| Dean 2002 [[41](#_ENREF_41)] |  | * 31% of patients: standard 6-month course
* 69% of patients: prolonged anti-tuberculosis treatment (>6 months)
 |
| Dos Santos 2013 [[39](#_ENREF_39)] | Standardized: Brazilian national guidelines *(Ministério da Saúde. Tuberculose: guia de vigilância epidemiológica. 1. Brasília, DF, Brazil: Fundação Nacional de Saúde, Ministério da Saúde; 2002. [Portuguese])* | * New cases: (2HRZ/ 4HR)
* ‘Ethambutol was included for retreatment cases’
 |
| Ferroussier 2013 [[27](#_ENREF_27)] | Na |  |
| Gandhi 2012 [[14](#_ENREF_14)] | Standardized: South African government-sponsored TB treatment program [(2HRZE) 5 + (4HR)5]*(Department of Health, Government of South Africa. The South African**Tuberculosis Control Programme Practical Guidelines. Republic of**South Africa Department of Health; 2000.* *Available at:* [*http://www.capegateway.gov.2a/eng/your\_life/4502*](http://www.capegateway.gov.2a/eng/your_life/4502) *. Accessed October 23, 2008 )* | * [(2HRZEP) 5 + (4HR)5]
 |
| Henegar 2012 [[23](#_ENREF_23)] | Standardized: DRC national guidelines*(World Health Organization. Treatment of tuberculosis guidelines. 3rd ed. WHO/CDS/TB2003.313. Geneva, Switzerland: WHO, 2003)* | * New cases: (2HRZE/ 4HR)
* Retreatment cases: extended 8-month regimen
 |
| Kaplan 2014 [[28](#_ENREF_28)] | Standardized: South African National TB management guidelines*(World Health Organization. Consolidated guidelines on the use of anti-**retroviral drugs for treating and preventing HIV infection, 2013. Avail-**able at: www.who.int/hiv/pub/guidelines/arv2013)* | * New cases: (2HRZE/ 4HR)
* Retreatment cases: [(2S)5 + (2HRZE) + (5HRE)]
 |
| Kayigamba 2013 [[29](#_ENREF_29)] | Standardized: Rwanda national recommendations (2HRZE + 4HR) | * New cases: (2HRZE/ 4HR)
* Patients whose sputum smear has not converted after two months of treatment are prescribed an additional HRZE
 |
| Kendon 2012 [[24](#_ENREF_24)] | Na |  |
| Nansera 2012 [[25](#_ENREF_25)] | Standardized: Uganda national guidelines*(Ministry of Health, Uganda. Manual of the National Tuberculosis**and Leprosy Programme. 2nd ed. Kampala, Uganda:**MoH, 2010.)* | * New cases: (2HRZE/ 6HE)
* Retreatment cases: ‘treatment regimen does not comply with WHO recommendations and the practice is an operational approach as the country transitions to the recommended regimen’
 |
| Raizada 2009 [[33](#_ENREF_33)] | Standardized: Indian national guidelines *(Technical Operations Guidelines for Tuberculosis Control. (2005) New Delhi,**India: Central TB Division, Directorate General of Health Services, Ministry of**Health and Family Welfare, Government of India, http://www.tbcindia.org/**pdfs/Technical%20&%20Operational%20guidelines%20for%20TB%20Control.**pdf Accessed 1 May 2009.)* | * New cases: [(2HRZE)3 + (4HR)3]
* Retreatment cases: [(2HRZES)3 +(HRZE)3 (6HRE)3]
* Patients whose sputum smear has not converted after two months of treatment have their intensive phase

extended by one month |
| Sanguan­wongse 2008 [[34](#_ENREF_34)] | Standardized: WHO guidelines *(Treatment of Tuberculosis: Guidelines for National Programmes. 3rd ed.**Geneva, Switzerland (WHO/CDS/TB/ 2003. 313): World Health**Organization; 2003. Available at: http://www.who.int/tb/publications/**cds\_tb\_2003\_313/en/index.html. Accessed April 24, 2008.)* |  |
| Schmaltz 2009 [[40](#_ENREF_40)] | Standardized: Brazilian national recommendations (2HRZ + 4HR)*(Castelo A, Kritski AL, Barreto AW, et al. II Consenso Brasileiro de Tuberculose. J. Bras Pneumol. 2004;30(Suppl 1):S24–S37)* | * (2HRZ + 4HR)
* central nervous system TB: continuation phase extended to 7 months
* Patients who developed severe hepatotoxicity: 3-month course of streptomycin, ethambutol, and oﬂoxacin followed by ethambutol and oﬂoxacin for 9 months.
* Cases that received antituberculous regimens without rifampicin were treated for > 12 months.
* Most cases of MDR: association of streptomycin (for 3 months), pyrazinamide (for 2 months), ethambutol, and ethionamide.
* In cases treated with HAART regimens that precluded the use of rifampicin, this drug was replaced by streptomycin (for 3 months) plus ethambutol.
 |
| Sileshi 2013 [[30](#_ENREF_30)] | Na |  |
| Sinha 2012 [[35](#_ENREF_35)] | Standardized: Indian Revised National TuberculosisControl Programme (RNTCP) guidelines*(Revised National Tuberculosis Control Programme (RNTCP): TB India 2010:**RNTCP Status Report. New Delhi: Ministry of Health and Family Welfare,**Government of India; 2010)**(Revised National Tuberculosis Control Programme (RNTCP): TB India 2010:**RNTCP Status Report. New Delhi: Ministry of Health and Family Welfare,**Government of India; 2010)* | * New cases: [(2HRZE)3 + (4HR)3]
* Retreatment cases: [(2HR ZES)3 + (HRZE) 3 + (5HRE) 3]
 |
| Tansuphasa­wadikul2007 [[36](#_ENREF_36)] | Na |  |
| Tweya 2013 [[31](#_ENREF_31)] | Standardized: WHO guidelines  | * New cases: (2HRZE + 4HRE)
 |
| Varma 2009 [[37](#_ENREF_37)] | Na |  |
| Zachariah 2007 [[26](#_ENREF_26)] | Standardized: Malawi national guidelines *(Ministry of Health and Population. Manual of the National*Tuberculosis Control Programme of Malawi. 5th ed. Lilongwe,Malawi: Ministry of *Health and Population, 2002.)**(World Health Organization. Treatment of tuberculosis: guide-**lines for national programmes. 3rd ed. WHO/CDS/TB/2003.**313. Geneva, Switzerland: WHO, 2003)* | * New cases: (2HRZE + 6HE)
 |
| Zhao 2014 [[38](#_ENREF_38)] | Na |  |