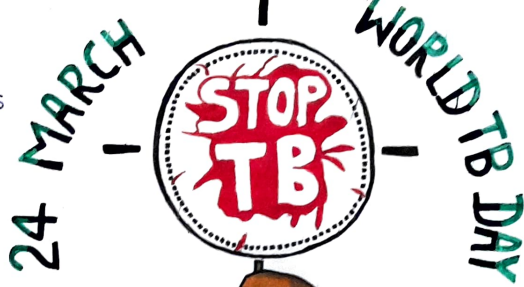
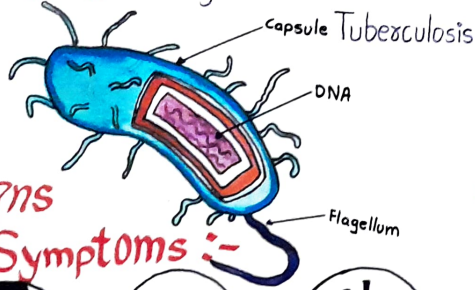


Causes :- Mycobacterium



Investigation :-

- ① Mantoux test
- ② Interferon-Gamma Release Assays [IGRA]
- ③ Quantiferon-TB Gold

Prevention :-



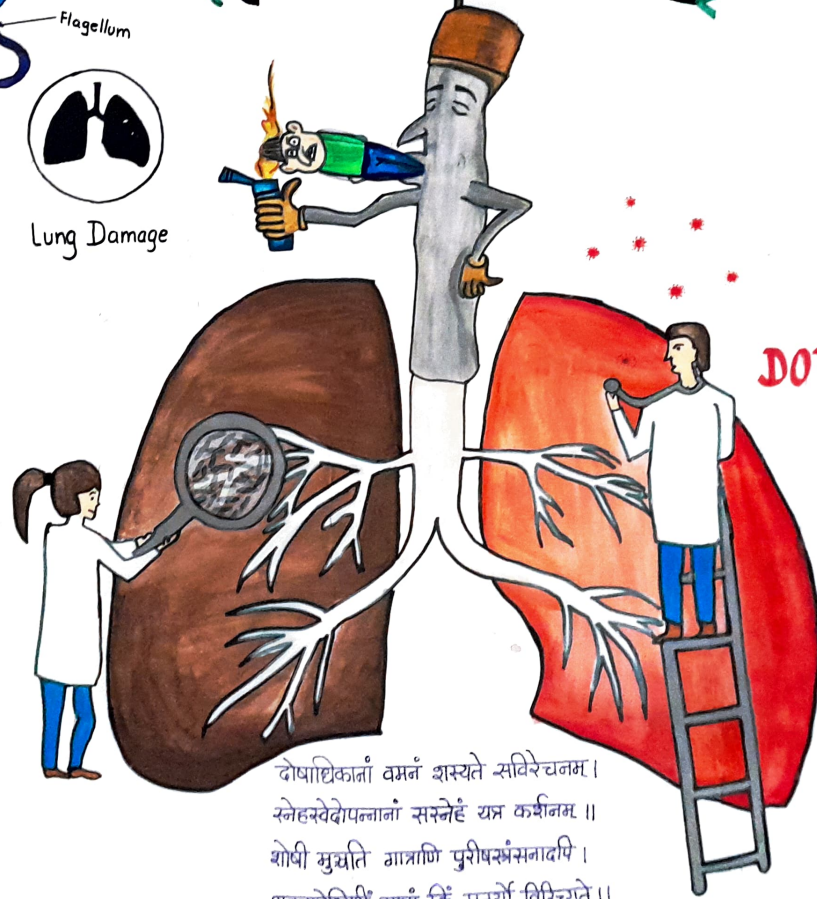
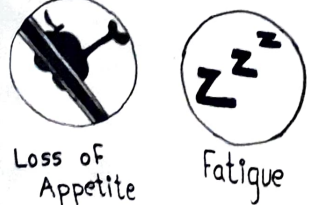
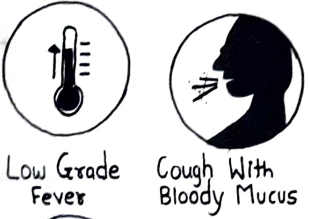
Wear face Mask Schedule = At Birth

DOT'S Therapy :-

Category	Clinical Symptoms of Patient	Regimen	Duration in Months
Category I	Red New Sputum Smear, Positive New Sputum Smear, Negative New Extra Pulmonary	2(HRZE) ₃ 4(HR) ₃	6
Category II	Blue Sputum Positive relapse, Sputum Positive Failure, Sputum Positive Treatment After default	2(HRZE) ₃ , 1(HRZE) ₃ , 5(HRE) ₃	8
Category III	Green Sputum Negative Extra Pulmonary, Not seriously ill	2(HRZ) ₃ 4(HR) ₃	6

H = Isoniazid E = Ethambutol
R = Rifampin S = Streptomycin
Z = Pyrazinamide

Signs & Symptoms :-



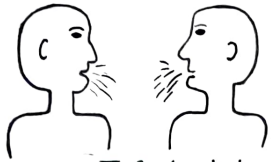
दोषाधिकानां वमनं शस्यते सविरचनम् ।
स्नेहरेवेदोपन्नानां सस्नेहं यत्र कर्शनम् ॥
शोषी मृद्यति मात्राणि पुरीषस्त्रंसनादपि ।
अबलापोक्षिणीं मात्रां किं पुनर्यो विरिच्यते ॥

Etiology & Source

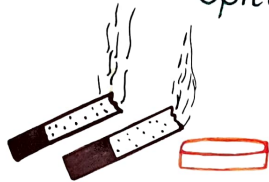
Bacteria (*Mycobacterium tuberculosis*)



Contact with person



Infected Lungs

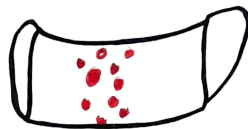


Smoking

Spitting



Haemoptysis



Fever and night sweating

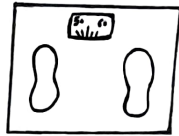


Anorexia

Sign & Symptoms



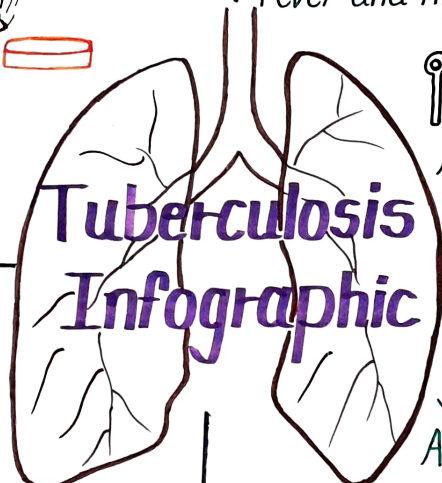
Chronic Cough (> 2 wks)



Weight Loss



Fatigue



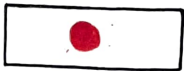
History Taking

Physical Examination



Sputum Test

Blood Test



X-ray
CT Scan



TB-Culture

TB-Molecular



• Preventive -
BCG Vaccine

Avoid contact with infected person

• Curative - **DOT'S Treatment**

Rifampicin

Isoniazid

Streptomycin

Pyrazinamide

Ethambutol



Treatment

Diagnosis

Bhosale Payal R.
Shinde Shivani K.
BAMS IVth Year
Department of K.C.

World TB

Day 2022

INVEST
TO
END
TB

NEW
DRUG,
CARE,

SOCIAL
PREVENTION, PRECAUTION, TREATMENT,
DIAGNOSIS

SAVE
LIVES



AYURVEDIC DIAGNOSIS

नाडी: श्लेष्मकासे स्थिरा मन्दा
श्वास तीव्रगतिभवेत्।

शब्द: विशीर्णवाक्

मल: बद्धवर्चस

स्पर्श: देहशीतस्पर्श
प्रनल्लज्ञानम्

मुत्र: अल्पमुत्र, उष्णमुत्रम्

दृक्: तमोभाव/विभ्रान्तलोच-
नम्

जिह्वा: श्लेष्मावृत्त/निरार्द्र/
विशुष्कास्थ

आकृती: दिन/आसीनो
लभते सुखम्।