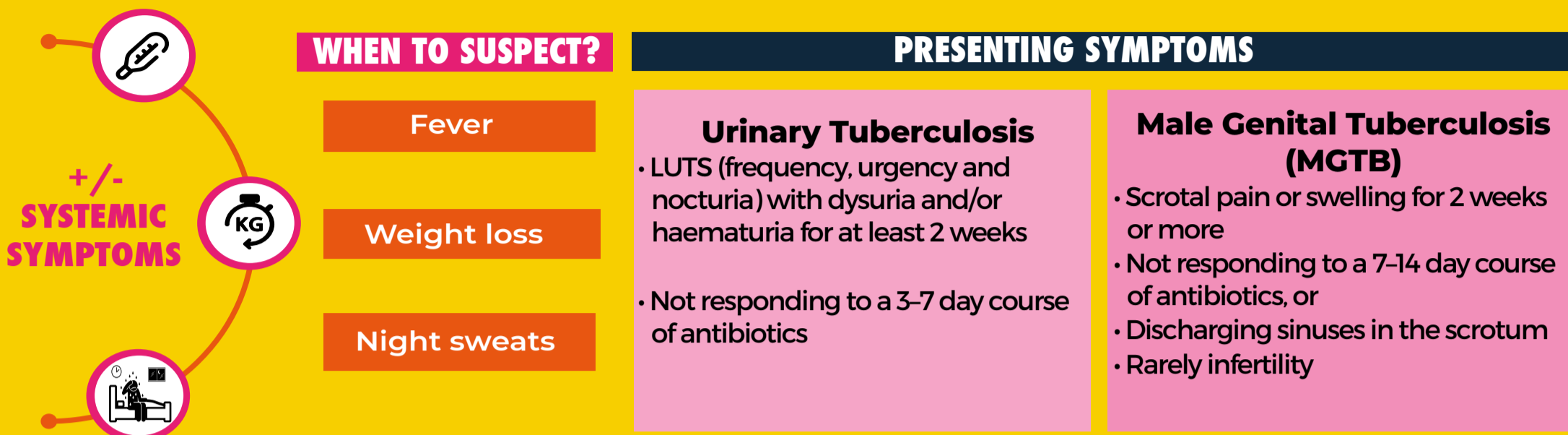
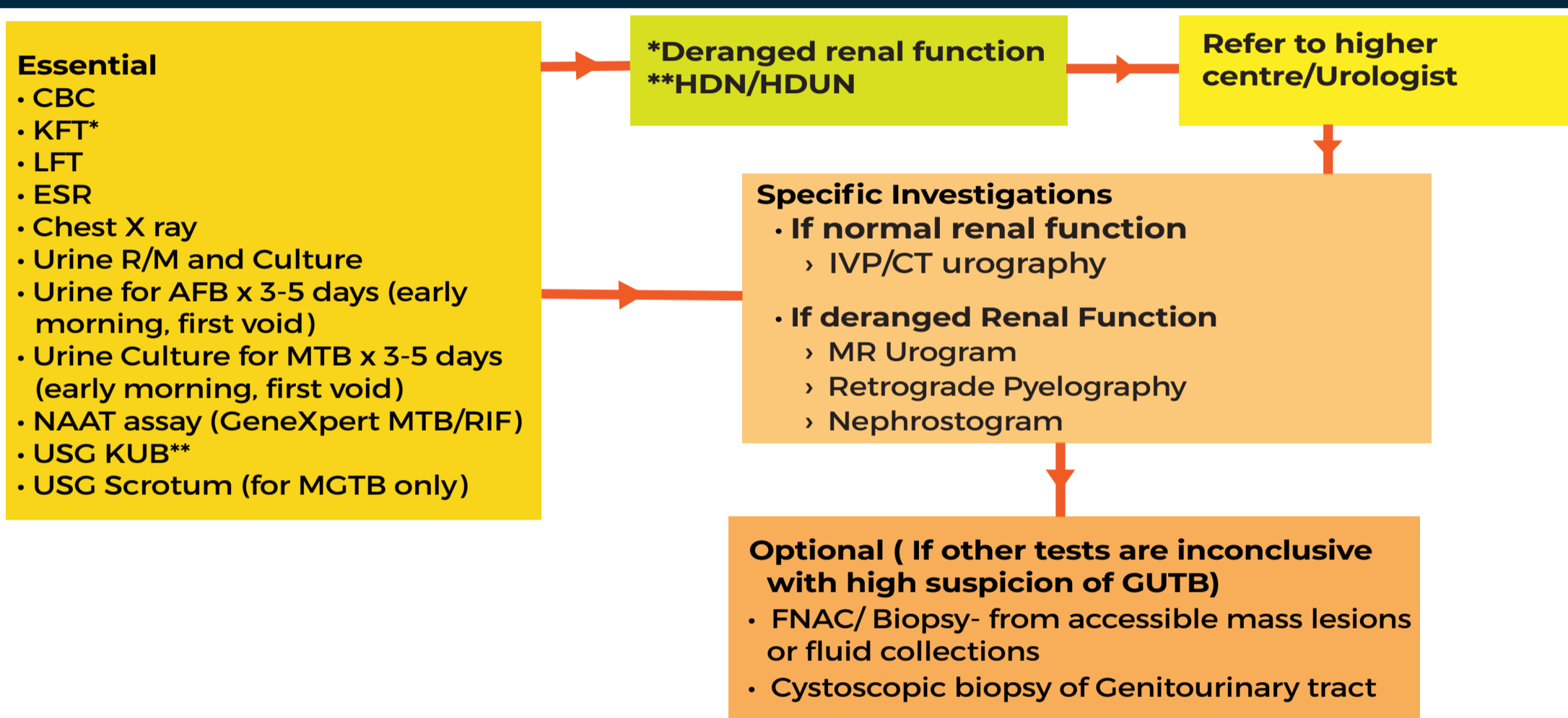




# Standard Treatment Workflow (STW) for the Management of GENITOURINARY TUBERCULOSIS ICD-A18.10



## INVESTIGATION



## TREATMENT

TYPE OF TB	TYPE OF REGIMEN	DRUGS	EXTENSION CRITERIA
DRUG SUSCEPTIBLE TB	DS-TB REGIMEN	2 MONTHS H,R,E,Z 4 MONTHS H,R,E	Extension packets of infection, concurrent smear positive cavitory pulmonary disease, CNS involvement, Delay in positive cultures converting to negative Duration can be increased up to 9 to 12 months
MDR/RR OR XDR-TB	TREATMENT AS PER NTEP GUIDELINES		

## FOLLOW UP

- At 8 weeks :** Resolution of systemic symptoms, improved urinary symptoms, repeat culture if baseline culture positive
- After completion of ATT:** Repeat culture if baseline culture positive
- Repeat imaging:** If partial or impending ureteric stricture
- Watch for the following complications at each Follow-up visit:**
- Severe LUTS suggestive of small capacity bladder
  - Deteriorating renal function

## ABBREVIATIONS

**ATT:** Anti-tubercular treatment

**CT:** Computed Tomography

**CBC:** Complete Blood Count

**CXR:** Chest X- Ray

**DJS:** Double J Stent

**DS-TB:** Drug Susceptible Tuberculosis

**E:** Ethambutol

**ESR:** Erythrocyte Sedimentation Rate

**H:** Isoniazid

**HDN:** Hydronephrosis

**HDUN:** Hydroureteronephrosis

**IVP:** Intravenous Pyelogram

**LFT:** Liver Function Test

**LUTS:** Lower Urinary Tract Symptoms

**MDR:** Multi Drug Resistant

**MTB:** Mycobacterium Tuberculosis

**MR:** Magnetic Resonance

**NAAT:** Nucleic Acid Amplification Test

**NTEP:** National Tuberculosis Elimination Programme

**RFT:** Renal Function Test

**R:** Rifampicin

**RR:** Rifampicin Resistant

**USG KUB:** Ultrasonography Kidney, Ureter and Bladder

**URINE AFB:** Urine for Acid-fast Bacillus

**XDR:** Extensively Drug Resistant

**Z:** Pyrazinamide

## References

- National TB Elimination Programme, Central TB Division. Training modules for Programme Managers & Medical Officers. Ministry of Health & Family Welfare, Government of India <https://tbcindia.gov.in/index1.php?lang=1&level=1&sublinkid=5465&lid=3540> Last access on 11 March, 2022.
- Guidelines for programmatic management of drug resistant tuberculosis in India March 2021. National TB Elimination Programme, Central TB Division, Ministry of Health & Family Welfare, Government of India. <https://tbcindia.gov.in/showfile.php?lid=3590> Last access on 11 March, 2022.
- Partin, A. W. et al. Edited (2020). Campbell Walsh Wein Urology (12th ed.). Elsevier.