

ROLE OF PT:

- To increase range of motion of joint.
- To maintain the flexibility of the joint.
- To increase the muscle strength.
- To prevent post-operative swelling, contracture and stiffness.
- To prevent further disability and deformity.
- To preserve the possible functional movements.
- To teach home self-care.



ROLE OF PROSTHETIST AND ORTHOTIST:

- Foot ulcer prevention.
- Custom-made designed shoes preventing deformities.
- Prosthetics for hands.
- Early intervention with appropriate orthotics that offload pressure points on the affected areas.



Courses Offered

- Bachelor of Occupational therapy
- Bachelor of physiotherapy
- Bachelor of prosthetics and orthotics

Reach us at

LOCATON

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**NATIONAL INSTITUTE FOR
EMPOWERMENT OF
PERSONS WITH MULTIPLE
DISABILITIES
(DIVYANGJAN)**

**COLLEGE OF OCCUPATIONAL
THERAPY**

DEPARTMENT OF THERAPEUTICS

January 30

**WORLD
LEPROSY
DAY
2025**



United Together!

LEPROSY

"Break the Silence, End the Stigma: Leprosy Awareness"

WHO DEFINITION

Leprosy, also known as Hansen disease, is a chronic infectious disease caused mainly by a type of bacteria called *Mycobacterium leprae*. The disease affects the skin, the peripheral nerves, the mucosa of the upper respiratory tract and the eyes. Apart from the physical deformity, persons affected by leprosy also face stigmatization and discrimination. However, leprosy is curable and treatment in the early stages can prevent disability.

PREVALENCE

- Leprosy is a neglected tropical disease (NTD) which still occurs in more than 120 countries, with around 200 000 new cases reported every year.
- As per data of 2023, Brazil, India and Indonesia continue to report more than 10 000 new cases.

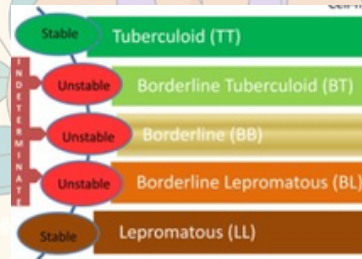
CLINICAL FEATURES

How do I know it?



- It primarily affects the SKIN and the PERIPHERAL NERVES.
- It may also strike the EYES and the Thin Tissue lining the inside of the NOSE, KIDNEYS and MALE REPRODUCTIVE ORGANS.

FORMS OF LEPROSY



COMPLICATIONS



ROLE OF OT

Occupational therapy (OT) plays a crucial role in leprosy care by focusing on preventing and managing disabilities caused by nerve damage, enabling individuals to participate in daily activities like self-care, work, and leisure, and ultimately facilitating their reintegration into the community through the use of assistive devices and functional adaptations tailored to their specific needs.

EVALUATION:

- Protective gloves for Poor sensory Loss. 
- Use padded handles for Poor Grip.
- For Reaching, small handles - replaced by larger handles. 
- Frequent skin Inspection
- Good skin care: Soaking the hands in clean lukewarm water, scrubbing them gently with a soft brush or fingers, then massaging them with oil or petroleum jelly thereby prevents dry skin.
- ADL training
- Pre vocational training
- Family counseling
- Splinting



Ape thumb deformity
Opponens splint.



Radial nerve: wrist drop – static/dynamic cock up splint.



Ulnar nerve- Claw hand: Bunnell's splint.

- In case of Anesthetic hand/ foot: Adaptive Devices.

