Gullain Barre Syndrome GBS-is an AUTOIMMUNE neurologic condition, where the immune system attacks NERVES in the Peripheral Nervous System and Cranial Nerves. Take Note! this condition DDES NOT occur in the Central Nervous System. (CNS) Must Knows. () GBS is idiopathic (unknown origin) (2) GBS is preceded by Vival Infections (CRespiratory or Gastrointestinal) (3) GBS is also known as "Infectious Polyneunitis" @ GBS is NOT a contagious or communicable disease. 3 GBS is an Ascending Paralysis. Duration of Guillain-Barre Syndrome? Onset Hours or days (Acute) At 3rd week of the illness 90% of all patients are at their WEAKEST.

Risk Factor of GBS Viral Illness (CMV) Influenza vaccinations (Flu shots) Respiratory of Glinfection (C. Jejuni) Age any age (>50 has greatest risk) LaLake (Male)@middle ages Must knows. The MOST common type of GBS is Acute Inflammatory demyelinating polyneuropathy CAIDP? Cytomegalovinus is the MOST common Viral Cause Lampylobacter Jejuni gastroententis is the MDST common Bacterial cause. THE MAIN FEATURES OF GBS: include Acute, ascending, rapidly progressive. Symmetrical neakness of the limbs.

The FIRST symptoms of weakness are Paresthesia and Hypotonia of the limbs.

GBS signs and symptoms will MOST likely start in the Lower Extremities (ex. Feet) V Symmetrical and will Gradually spread upward

(Ascending) to the head & Ataxia

MOTOR MANIFESTATION: ASCENDING motor (muscle weakness or paralysis WITHOUT muscle atrophy.

Flaccid - Type of Paralysis

Ataxia

Respiratory compromise (Failure)

Loss of bowel and bladder control.

S SX: Initial: Paresthesias and symmetrical muscle weakness. Distal Part experiences muscle weakness FIRST.

Take note: Ascending Motor Weakness

is common verbalization of the patient w GBS regarding the EARLY ONSET of symptoms.

GBS results in motor weakness in a distal to proximal progression

Cranial Nerve Involvement.

Drooping Face (Facial Weakness)

Difficulty in Speaking

Difficulty in Chewing

Difficulty in swallowing (dysphagia)

Diplopia and blindness (opthalmoplegia)

An INDICATOR of cranial nerve involvement is: Difficulty of speaking and Chewing.

Cranial Nerve III- effects patient ability to smile, prown,

whistle and Drink prom straw.

- Cranial Nerve IX (Glossophanyngeal) and Cranial Nerve X (Vagus) affects patient ability to cough gag and swallow.
- () What is NDT affected in GBS?
 - Cognition and Loc
- What are MOST commonly affected in patients with GBS?
 muscles, sensory nerves and cranial nerves.
- Which of the following clinical manifestations would the nurse expect to find when performing admission assessment?
 Ascending paralysis with ataxia:
- Priority nurging diagnosis in Guillain Barre Syndrome is:
 Ineffective Breathing Pattern
- (5) Another MOST APPROPRIATE nursing diagnosis for GBS is - alteration in nutritional status related to possible choking.

- (a) Phionity of care for patient diagnosed with Guillain Barre Syndrome:
- Maintenance of respiratory punction.
- Description of the second s
- Diagnostic Test: © Lumbar Puncture Preprocedure: Void Post procedure: Flat in bed and Increase Fluid Intake Result: High Protein w Normal WBC:
- Deve Conduction Studies.
- take note:

Assessment intervention for the diagnosis of GBS is to Assess Deep tendon replex. Hypoveplexia of the lower extremities is the clinical manipestation of GBS.

Progression of GBS: O Acute Stage - Ascending Paralysis: 1-3 weeks Ventilatory support is critical during the acute phase Most Essential item in patient room: - Electrodes and Intubation tray. Assessment is the Most important aspects of nursing care during the acute phase of GBS.

Assess respiratory and cardiac punction.

Monitor ABGs and Vital capacity.

Plateau stage stabilizing phase
NO new symptoms occurs, ND changes and NO improvement. last 1-3 wkc.

3 Recovery Phase

- Improvement with remyelination of peripheral nerve and axonal regenerations

MOST changes in Gmonths but

-improvement is up to 2 years.

Rehabilitation prior to discharge is BEST describe as LONG and one requiring involvement of signicant others.

Neurological Function returns in - A proximal to distal pattern

In the recovery phase, remyelination occurs. Slowly.

Best way for a ventilated client to communicate is to instruct client to Blink once for "ND" and Blink twice for "YES"

IF the patient is unable to talk. The nurse BEST communicate to the patient by Enunciating the words slowly and well

Appropriate LONG TERM GOAL is to prevent muscle atrophy

nterventions

D Plasmapheresis - removes antibody-antigen complexes from circulation it is used 5 times either daily or eveny other day in the first 2 wks Plasmapheresis:

Before procedure:

V Nurses use to determine patency of clients arteriovenous shunt by Presence of bruit

Check for Bnits every 2-4 hours.

Monitor during procedure: HYPOVOLEMIA monitor Fluid status, v/s and replaced IVF

Complications of plasmapheresis: - low platelets, hypocalcemia, clotting, anemia.

Sandoglobulin

-immunomodulating treatments in the patient with GBS such

as plasma exchange or high dose IVIG are MDSTeffective if used within the First 2 neeks of symptom onset.

Prognosis: 85% - recovered 10% - have significant vesidual 5% - die due to respiratory complications.