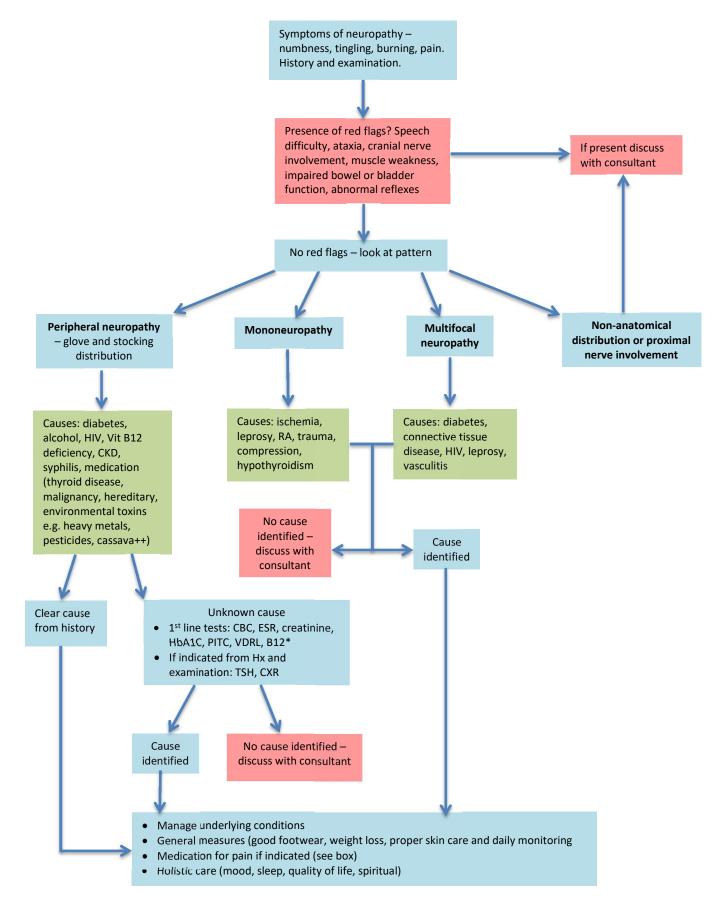


Kijabe OPD Guidelines

## **Peripheral Neuropathy**



\*B12 levels advised (as MCV not reliable for excluding B12 def., but discuss cost: send out 3200Ksh Feb 22)

## Kijabe OPD Guidelines

## Medication if neuropathic pain

Try either amitriptyline (cheapest), pregabalin or gabapentin. Try for 6-8 weeks with at least 2 weeks at maximum tolerated dose. If initial treatment is not tolerated or not effective, then try one of the others. Warn that medication is unlikely to provide complete relief from pain – a 50% reduction in pain intensity is considered successful.

Medication	Dose in neuropathic pain
Amitriptylline	Initially 12.5mg nocte, gradually increased if necessary to 75mg. Side effects: dry mouth, blurred
	vision, constipation, urinary retention, drowsiness. Caution if CVD, epilepsy, diabetes, BPH,
	glaucoma and in the elderly.
Pregabalin	Initially 75mg bd then increase if necessary (max 600mg in 2-3 divided doses). Lower dose if
	reduced eGFR. Avoid abrupt withdrawal. Avoid in severe CCF. GI side effects common.
Gabapentin	Initially 300mg tds, then increase according to response (max 3.6g daily = 12 tablets). Lower dose if
	reduced eGFR. Avoid abrupt withdrawal. Caution if elderly, diabetes, history of psychotic illness. GI
	side effects common.

## References

- 1. Peripheral Neuropathy, American Family Physician, Dec 15, 2020, Vol 102 Number 12, pg 732-739
- 2. Diagnostic value of the MCV in the detection of vitamin B12 deficiency, W.P. Oosterhuis et al., 8 Jul 2009, Scandinavian Journal of Clinical and Laboratory Investigation, Vol 60, 2000, Issue 1, pages 9-18.
- 3. Investigation of peripheral neuropathy, R. Hughes, BMJ 2010;341:c6100
- 4. Oxford Handbook of Tropical Medicine 4<sup>th</sup> Edition 2014