

# Uraemic Pruritus

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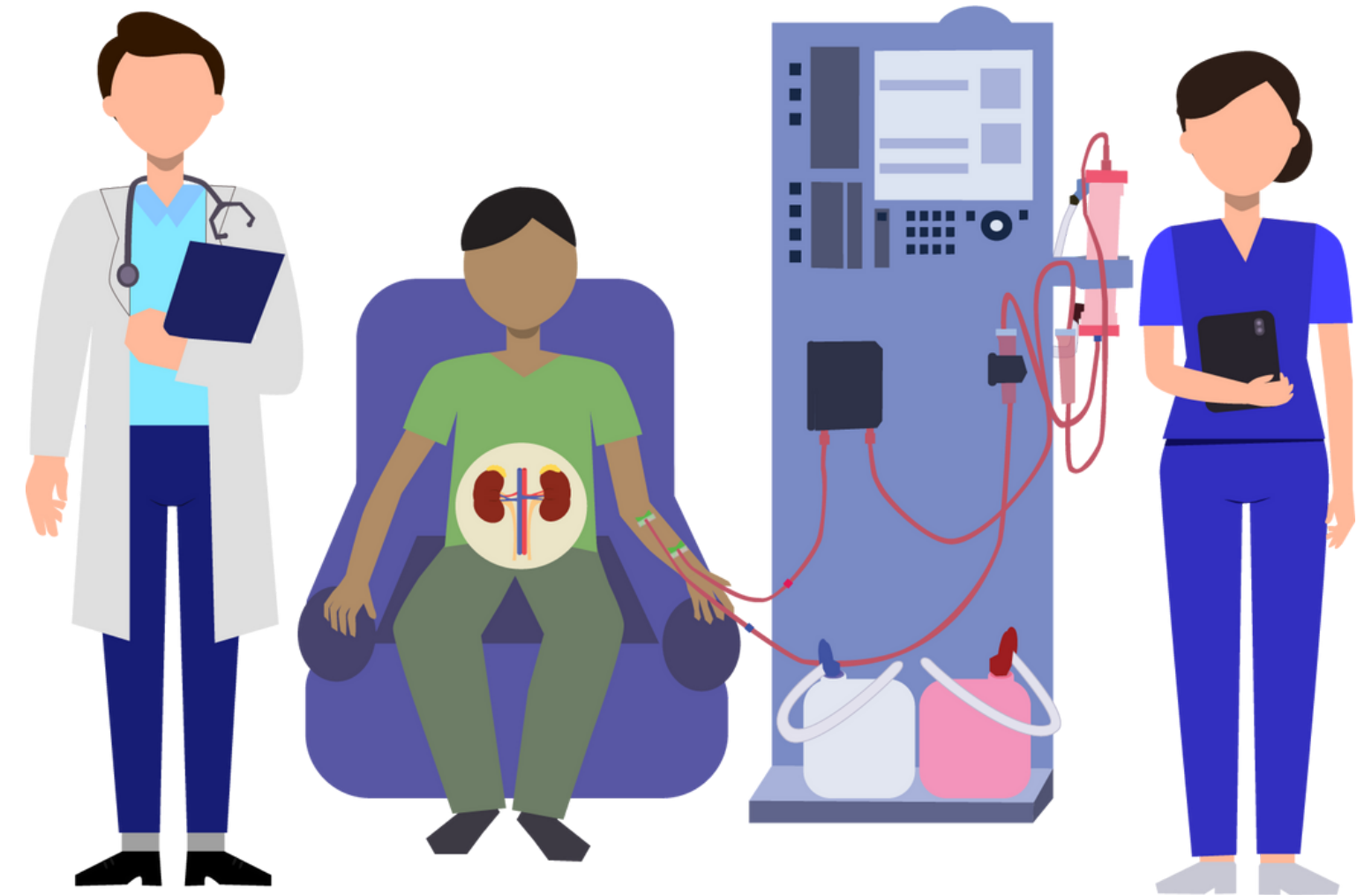
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# Definition

Itching associated with chronic kidney disease which is not attributable to other causes of itching.



# Prevalence



Variable



As low as 18%



As high as 97.8%



Current average of 40%



# Clinical implication

Despite the clinical implication of pruritus only 32.4% of patients received treatment in one study.



Sleep disturbance



Depression



Non adherence



Poor quality  
of life



Increased  
mortality

Under-reporting

Failure to ask about  
itch by physicians

Wrong treatment

# Problems with management of uraemic pruritus

Unclear  
pathogenesis

Lack of robust  
research

Lack of guidelines

# Pathogenesis

01

Xerosis

02

Inflammation

03

Nociceptive receptor dysfunction

04

Opioid receptor dysfunction

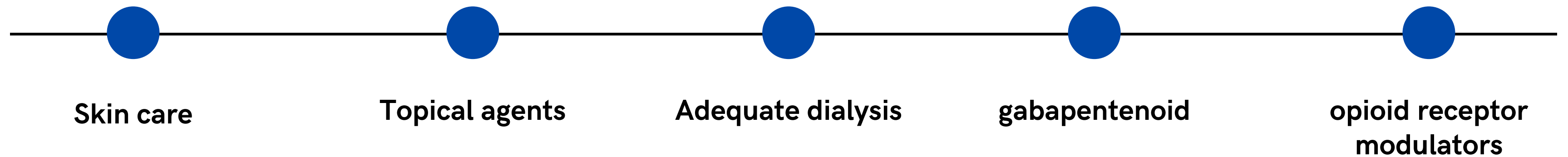


# Management

Emollients are useful in patients as pruritus is frequently associated with dry skin

Tacrolimus has been used successfully and is believed to be from its anti-inflammatory properties

UV-B phototherapy is recommended but may cause sunburn





# Side Effects of some therapy

Therapy	Side Effects
UVB therapy	Sunburn
Gabapentinoids	Drowsiness
Dikelifalin	Drowsiness and somnolence

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Thanks