

# Vitamin D Supplementation on Reported Rates of Taxane-Induced Neuropathy

**Status:** RECRUITING

## Eligibility Criteria

**Age:** 18 years and over

This study is NOT accepting healthy

**Healthy Volunteers:** volunteers

### Inclusion Criteria:

\* Diagnosis of stage I-III cancer of any type, OR diagnosis of stage IV cancer being treated with curative intent \* Receiving or scheduled to begin taxane-based chemotherapy at Virginia Commonwealth University (VCU) Health Massey Comprehensive Cancer Center \* Vitamin D serum level  $\leq 20$  ng/mL Note: study participants with Vitamin D serum level  $\geq 20$  ng/mL may be enrolled in the observational arm.

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### Exclusion Criteria:

\* Pre-existing diagnosis of neuropathy \* Currently taking prescription Vitamin D (ergocalciferol) \* Inability to converse in English \* Pregnancy \* Chronic kidney disease (stage IV or greater) \* Known hyperparathyroidism \* Hypercalcemia: Calcium levels  $> 10.5$  mg/dL Note: study participants with calcium levels  $\leq 10.5$  mg/dL may be enrolled in the observational arm.

## Conditions & Interventions

### Interventions:

DRUG: Ergocalciferol Capsules, DIETARY\_SUPPLEMENT: Cholecalciferol Capsules

### Conditions:

Neuropathic Pain

### Keywords:

Neuropathic pain, Neuropathy, Vitamin-D

## More Information

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### IRB

**Number:** HM20023717

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