

MEDICAL CENTER

Protocol: Adult Burn Vitamin Protocol

Category	Clinical Practice
Protocol Number	BC-A-06
Approval Date	November 1, 2016
Due for review	November 1, 2018

Applicable to	
<input checked="" type="checkbox"/> VUH	<input type="checkbox"/> Children's <input type="checkbox"/> DOT <input type="checkbox"/> VMG Off-site locations <input type="checkbox"/> VMG <input type="checkbox"/> VPH <input type="checkbox"/> Other
Team Members Performing	
<input type="checkbox"/> All faculty & staff	<input checked="" type="checkbox"/> Faculty & staff providing direct patient care or contact
<input type="checkbox"/> Other:	<input checked="" type="checkbox"/> MD <input checked="" type="checkbox"/> House Staff <input checked="" type="checkbox"/> APRN/PA <input checked="" type="checkbox"/> RN <input type="checkbox"/> LPN
Content Experts	
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I. Population:

The following vitamins should be ordered upon admission for adult burn patients. For patients with >40% TBSA, consider vitamin D upon discharge. ¹

II. Interventions:

BURN AREA	Vitamin Recommendation	Adult
<20% TBSA	MVI	Daily
	Vit C	500 mg twice daily
>20% TBSA	MVI	Daily
	Vit C	500mg BID
	Zinc ²	50 IU daily
	Vit A	10,000 IU daily
	Vit D ¹ (cholecalciferol)	1000 IU daily

III. References:

1. Klein GL, Herndon DN, Chen TC, et al. Standard multivitamin supplementation does not improve vitamin D insufficiency after burns. *J Bone Miner Metab.* 2009;27(4):502-506. Vit D
2. Chan MM, Chan GM. Nutritional therapy for burns in children and adults. *Nutrition.* Mar 2009;25(3):261-269. Vit D