

**MEDICAL CENTER**

**Protocol:** Adult Burn Vitamin Protocol

Category	Clinical Practice
Approval Date	September 28, 2020
Due for review	September 2022

<b>Applicable to</b>							
<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	
<b>Team Members Performing</b>							
<input type="checkbox"/> All faculty & staff	<input checked="" type="checkbox"/> Faculty & staff providing direct patient care or contact	<input checked="" type="checkbox"/> MD	<input checked="" type="checkbox"/> House Staff	<input checked="" type="checkbox"/> APRN/PA	<input checked="" type="checkbox"/> RN	<input checked="" type="checkbox"/> LPN	
<input type="checkbox"/> Other:							
<b>Content Experts</b>							
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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.<sup>1</sup>

**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 <sup>2</sup>	50 IU daily
	Vit A	10,000 IU daily
	Vit D <sup>1</sup> (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