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- Article (389)
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- ARTICLE**  
Undergraduate Nursing Students' Knowledge of...  
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Addressing Barriers to Patient Portal Access an...  
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Herpes Zoster Virus: Shingles [1.2 ANCC...  
by Mary L. Schreiber, MS...

### 4. คณะพยาบาล ซ้อมปี 2025 ให้เลือก Publication Year ปี 2025 คลิก Read

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- 2026 (18)
- 2025 (58)
- 2024 (62)
- 2023 (50)
- 2022 (85)

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2025 X

- ARTICLE**  
Vitamin B12 Deficiency [1.2 ANCC NCPD Cont...  
by Mary L. Schreiber, MS...
- ARTICLE**  
Exploring the Relationship Between Nurses'...  
by Dana Almoteri, MSN, S...
- ARTICLE**  
The Mission: Developing Nurses' Leadership...  
by Brenda Elliott, PhD, RN...
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## Vitamin B12 Deficiency [1.2 ANCC NCPD Contact Hours]

Mary L. Schreiber, MSN, RN, CMS

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### Abstract

Vitamin B12 is an essential nutrient primarily obtained from animal sources and fortified foods. B12 deficiency can result from numerous underlying conditions, which can make diagnosis challenging. Early diagnosis is essential to prevent potential severe, irreversible effects.

### Keywords

vitamin B12 cobalamin deficiency intrinsic factor methylmalonic acid homocysteine

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# Vitamin B12 Deficiency

Mary L. Schreiber

Vitamin B12, also known as cobalamin, is a

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