



Blood and serum

Coarse
hypergranulosis

Papillomatosis

Vertical tiers of
parakeratosis



- **Clinical Information:** 5/F wart excision under controlled anesthesia
- **DIAGNOSIS:**
 - SKIN, LEFT FOOT, EXCISION: PLANTAR VERRUCA VULGARIS (WART).
- **Teaching Points:**
 - Viral infection caused by HPV-1 and -4
 - Painful hyperkeratosis with black dots (thrombosed capillaries)
 - Common among children
 - Superficial shaves may only show hyperkeratosis, need deeper shaves or excision for definitive diagnosis
- **Minimal Diagnostic Criteria:**
 - Exophytic (outward growth) or endophytic (inward growth)
 - Papillomatosis (church roof-like epidermal hyperplasia)
 - Vertical tiers of parakeratosis (hyperkeratosis with nuclei)
 - Coarse hypergranulosis (thickened epidermal granular layer)
 - Serum or blood on surface
- **Differential Diagnosis:**
 - None

Pink inclusion bodies (viral particles)
inside nuclei

