



## SUMMIT PATHOLOGY

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S. Alam, MD	D. Long, MD	J. Steffa, MD
P. Haberman, MD	C. Murphy, MD	M. Walts, MD
W. Hamner, MD	C. Nerby, MD	H. Worcester, MD

### ABNORMAL

## SURGICAL PATHOLOGY REPORT

**Patient:** HARSHBERGER, BRUCE

Med Rec#: MM0000028926 PV:

DOB: 04/30/1943 Age: 77 Sex: M

Physician(s):

HOOVER AARON M.D.

FRONT RANGE DERM (SP)

**Accession #:** 12114948

Date Collected: 06/16/2020

Date Received: 06/16/2020

Date Reported: 06/17/2020

Test Requested: Surgical

Result ID: OS20-10713

### FINAL DIAGNOSIS:

#### SKIN, RIGHT FOREARM, SHAVE BIOPSY:

MALIGNANT-APPEARING SPINDLE CELL NEOPLASM, WITH MORPHOLOGIC AND IMMUNOPHENOTYPIC FEATURES MOST COMPATIBLE WITH ATYPICAL FIBROXANTHOMA (AFX)

### COMMENT:

Re-excision with appropriate clinical margins is necessary.

Heath D Worcester, MD  
Pathologist, Electronic Signature

### Clinical History:

Endurated erythematous papule.

DDX: Neoplasm of uncertain behavior vs. squamous cell carcinoma vs. wart.

Submitted Clinical ICD10 Codes: D48.5

### GROSS DESCRIPTION:

Received in a formalin filled bottle/container, which has been verified to belong to patient: HARSHBERGER, BRUCE and labeled "A right forearm" is a 0.8 x 0.5 cm x less than 0.1 cm in depth tan-white hair-bearing skin shave. The epidermis displays a 0.5 x 0.4 cm previously inked blue crusted lesion, which is raised to a high of 0.2 cm and abuts the peripheral margin. The resection margin is inked orange, and the tissue is trisected and entirely submitted in A1.

### MICROSCOPIC DESCRIPTION:

Sections show a markedly atypical spindled cell lesion extending from the underside of the epidermis into the mid- to deep dermis. Many pleomorphic, undifferentiated-appearing cells are seen, as well as giant cell forms. Numerous abnormal mitotic figures are seen. Also examined are immunoperoxidase-stained sections for:

SOX-10: negative in the malignant cells

S100: negative in the malignant cells

Melan-a: negative in the malignant cells

HMB-45: negative in the malignant cells

CK5/6: negative in the malignant cells; very rare weak positivity seen

p40: negative in the malignant cells; very rare positivity seen

CD10: positive in the malignant cells

CD34: negative in the malignant cells

CD31: negative in the malignant cells

CD68: positive in the malignant cells

desmin: negative



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(Positive and negative controls appropriate).

(Note: The immunoperoxidase tests utilized in this examination were developed and their performance characteristics determined by the laboratory at Summit Pathology. They have not been cleared or approved by the U.S. Food and Drug Administration. The FDA has determined that such clearance or approval is not necessary. These tests are used for clinical purposes. It should not be regarded as investigational or for research. This laboratory is certified under the Clinical Laboratory Improvement Amendments of 1988 (CLIA) as qualified to perform high complexity clinical laboratory testing.)

CPT Code(s): 88341 x10, 88305, 88342

Specimen grossed and processed at: Summit Pathology 5802 Wright Dr., Loveland, CO, 80538

Specimen interpreted at: Summit Pathology 5802 Wright Drive, Loveland, CO 80538