



SUMMIT PATHOLOGY

5802 Wright Drive
Loveland, CO 80538
TEL: (970) 212-0530
FAX: (970) 212-0553

R. Barner, MD
C. Bee, MD
J. Andersen, MD
S. Alam, MD
P. Haberman, MD
W. Hamner, MD

N. Johnston, DO
C. McLaughlin, MD
A. Libby, MD
D. Long, MD
C. Murphy, MD
C. Nerby, MD

C. Pizzi, MD
M. Riley, MD
C. Salisbury, MD
J. Stefa, MD
M. Walts, MD
H. Worcester, MD

ABNORMAL

SURGICAL PATHOLOGY REPORT

Patient: **TERRY, ROBERT**

Med Rec#: **MM0000433383** PV:

DOB: **02/10/1946** Age: **74** Sex: **M**

Physician(s):

MAHLBERG MATTHEW MD

COLORADO CENTER FOR DERM & SKIN SURGE

Accession #: 12150108

Date Collected: **08/20/2020**

Date Received: **08/21/2020**

Date Reported: **08/25/2020**

Test Requested: **Surgical**

Result ID: **OS20-16779**

FINAL DIAGNOSIS:

SKIN, RIGHT ULNAR DORSAL HAND, EXCISION:

-HIGH-GRADE NEUROENDOCRINE CARCINOMA, COMPATIBLE WITH MERKEL CELL CARCINOMA

SYNOPTIC DIAGNOSIS / CASE SUMMARY: MERKEL CELL CARCINOMA OF THE SKIN

PROCEDURE: EXCISION

SPECIMEN LATERALITY: RIGHT

TUMOR SITE: ULNAR DORSAL HAND

TUMOR SIZE: 3.1 cm

- ADDITIONAL DIMENSIONS: 2.7 x 1.8 cm

TUMOR THICKNESS: 18 mm

MARGINS:

- PERIPHERAL MARGINS: NARROWLY NEGATIVE FOR CARCINOMA

- DISTANCE OF CARCINOMA FROM MARGIN: 4 mm

- SPECIFY LOCATION(S), IF POSSIBLE: N/A

-DEEP MARGIN: NARROWLY NEGATIVE FOR CARCINOMA

- DISTANCE OF CARCINOMA FROM MARGIN: <0.5 mm

- SPECIFY LOCATION(S), IF POSSIBLE: DEEP

LYMPHOVASCULAR INVASION: PRESENT

TUMOR EXTENSION: INTO SUBCUTIS

MITOTIC RATE: 13 PER mm²

TUMOR-INFILTRATING LYMPHOCYTES: NOT IDENTIFIED

TUMOR GROWTH PATTERN: NODULAR

PRESENCE OF SECOND MALIGNANCY: NOT IDENTIFIED

REGIONAL LYMPH NODES: NO LYMPH NODES SUBMITTED OR FOUND

PATHOLOGIC STAGE CLASSIFICATION (pTNM, AJCC 8TH EDITION):

- TNM DESCRIPTORS: N/A

- PRIMARY TUMOR: pT2

- REGIONAL LYMPH NODES: pNX

COMMENT:

The preliminary results were relayed to Dr. Mahlberg on 08/25/2020.

Heath D Worcester, MD
Pathologist, Electronic Signature

Clinical History:

Erythematous tender papule with hyperkeratotic scale



SUMMIT PATHOLOGY

5802 Wright Drive
Loveland, CO 80538
TEL: (970) 212-0530
FAX: (970) 212-0553

R. Barner, MD	N. Johnston, DO	C. Pizzi, MD
C. Bee, MD	C. McLaughlin, MD	M. Riley, MD
J. Andersen, MD	A. Libby, MD	C. Salisbury, MD
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: TERRY, ROBERT

Med Rec#: MM0000433383 PV:

DOB: 02/10/1946 Age: 74 Sex: M

Physician(s):

MAHLBERG MATTHEW MD

Accession #: 12150108

Date Collected: 08/20/2020

Date Received: 08/21/2020

Date Reported: 08/25/2020

COLORADO CENTER FOR DERM & SKIN SURGE

DDX: Squamous cell carcinoma

Notes: Please check margins

Submitted Clinical ICD10 Codes: D48.5

GROSS DESCRIPTION:

Received in a formalin filled bottle/container, which has been verified to belong to patient: TERRY, ROBERT and labeled "A right ulnar dorsal hand" is an unoriented skin excision 3.3 x 2.5 cm, excised to a depth of 1.5 cm. An exophytic tan gray, scaly and focally hemorrhagic lesion 3.1 x 2.7 cm has a height of 1.8 cm from the skin surface and is 0.4 cm from the orange inked margin. Sectioning reveals variegated pink-red to focally hemorrhagic to congested cut surfaces which extend to the deep margin. The specimen is submitted entirely and sequentially as follows:

Cassette summary:

A1: Skin tips

A2-A13: Lesion, sequential

MICROSCOPIC DESCRIPTION:

Section show neoplastic high-grade neuroendocrine carcinoma extending into the subcutis with a nodular growth pattern. Also examined are immunoperoxidase-stained sections for CK7, CK20, CK5/6, TTF-1, CDX-2, BerEp4, synaptophysin, and chromogranin which show tumor positivity with CK20 perinuclear dot-like, CK5/6 focal perinuclear dot, BerEp4, synaptophysin and chromogranin. The CK7, TTF-1 and CDX-2 are negative (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 x7, 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