ABSTRACT FORM
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TITLE OF PRESENTATION: (type in ALL CAPITAL LETTERS)
CORRELATION OF INDIUM-111 CAPROMAB PENETIDE WITH
POSTOPERATIVE HISTOLOGY FOLLOWING RADICAL
PROSTATECTOMY

AUTHOR(S): (DO NOT type in all capital letters)
Complete name of all authors (first name, initial, last name, degrees)

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Twenty-one preoperative patients who were considered at moderate risk for microscopic
lymph node metastases underwent a Prostascan scan. The mean preoperative value of the
series were PSA: 8.5 ng/mL (range 4.7-33) and Gleason Score: 6.9. Each patient underwent
a radical prostatectomy and a full bilateral pelvic lymph node dissection, which included
resection of both internal obturator and common iliac lymph nodes. Histologic analysis of
the surgically resected lymph nodes provided the standard with which the radiolabeled
monoclonal antibody scan was compared. 8/84 areas (10%) were positive on the scan with
one (12%) of these being a true positive. Of the negative scans, 5/76 (7%) were false
negatives and 71/76 (93%) were true negatives. The scan yielded a sensitivity of 17%,
specificity of 91%, positive predictive value (PPV) of 13%, and negative predictive value
(NPV) of 93%. The high NPV allows us to reliably advise adjuvant radiotherapy for our
surgical failures. The low PPV should caution us about overestimating metastatic lymph
node disease and advising salvage hormonal therapy.

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