

Supplementary information

Optical Molecular Imaging can Differentiate Metastatic from Benign Lymph Nodes in Head and Neck Cancer

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Supplementary Table 1: Cumulative Statistics for the Total Number of Harvested LNs per Group

	Low dose ($<0.5 \text{ mg kg}^{-1}$)	Middle dose ($\geq 0.5\text{--}<0.75 \text{ mg kg}^{-1}$)	High dose ($\geq 0.75 \text{ mg kg}^{-1}$)
Number of LNs	287	236	489
Metastatic			
True positive	8	11	14
False negative	1	1	4
Benign			
False positive	6	7	45
True negative	272	217	426
Sensitivity	88.9%	91.7%	77.8%
Specificity	97.8%	96.9%	90.4%
Positive predictive value	57.1%	61.1%	23.7%
Negative predictive value	99.6%	99.5%	99.1%
Accuracy	97.6%	96.6%	90.0%

LN = lymph node.