

Lymphovascular Invasion, Regional Lymph Node Metastasis, and Systemic Metastasis in Breast Cancer: Confirming the Anatomic Pathways Through the Sentinel Node

Breast Cancer Patients
for 22 Years



Lymphovascular
Invasion (LVI)



Regional Lymph Nodes
(RLN)



Systemic Metastasis



Rates of systemic metastases:

HIGHEST



LVI+/RLN+ (20.6%)

LVI-/RLN+ (14.0%)

LVI+/RLN- (8.2%)

LVI-/RLN- (5.0%)

LOWEST



Systemic metastasis
mostly requires
lymphatic spread



S Leonard-Murali, C Burmeister, L Susick, P Baker, SD Nathanson

Contact: smurali1@hfhs.org

