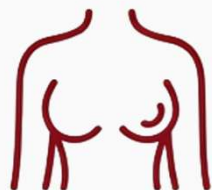


A Breast Clinical Scoring System to Identify Women with Idiopathic Granulomatous Mastitis

Single-center retrospective cohort, 2014–2025

PATIENTS & DESIGN



148 biopsy-proven IGM patients

Compared with mastitis, inflammatory breast cancer (IBC), and locally advanced breast cancer (LABC)

Women mostly in late 30s;
majority Hispanic and Asian

IGM DIAGNOSTIC SCORE



1–50 point score using symptom onset, clinical features, and imaging

Key features: painful mass, fistula/draining wound, mass with fluid collection

Score calculated from routine clinical and imaging data

DIAGNOSTIC PERFORMANCE



Mean score: IGM **35.5** vs **18** mastitis, **14.4** IBC, **15.2** LABC

Optimal cutoff $\geq$ **24.5**: sensitivity **93%**, specificity **95%**

Area under ROC curve (AUC) **0.969**, indicating very high discriminative ability for IGM vs non-IGM

The IGM score is a simple, point-of-care tool that distinguishes IGM from mastitis and breast cancer to support earlier, more appropriate management.