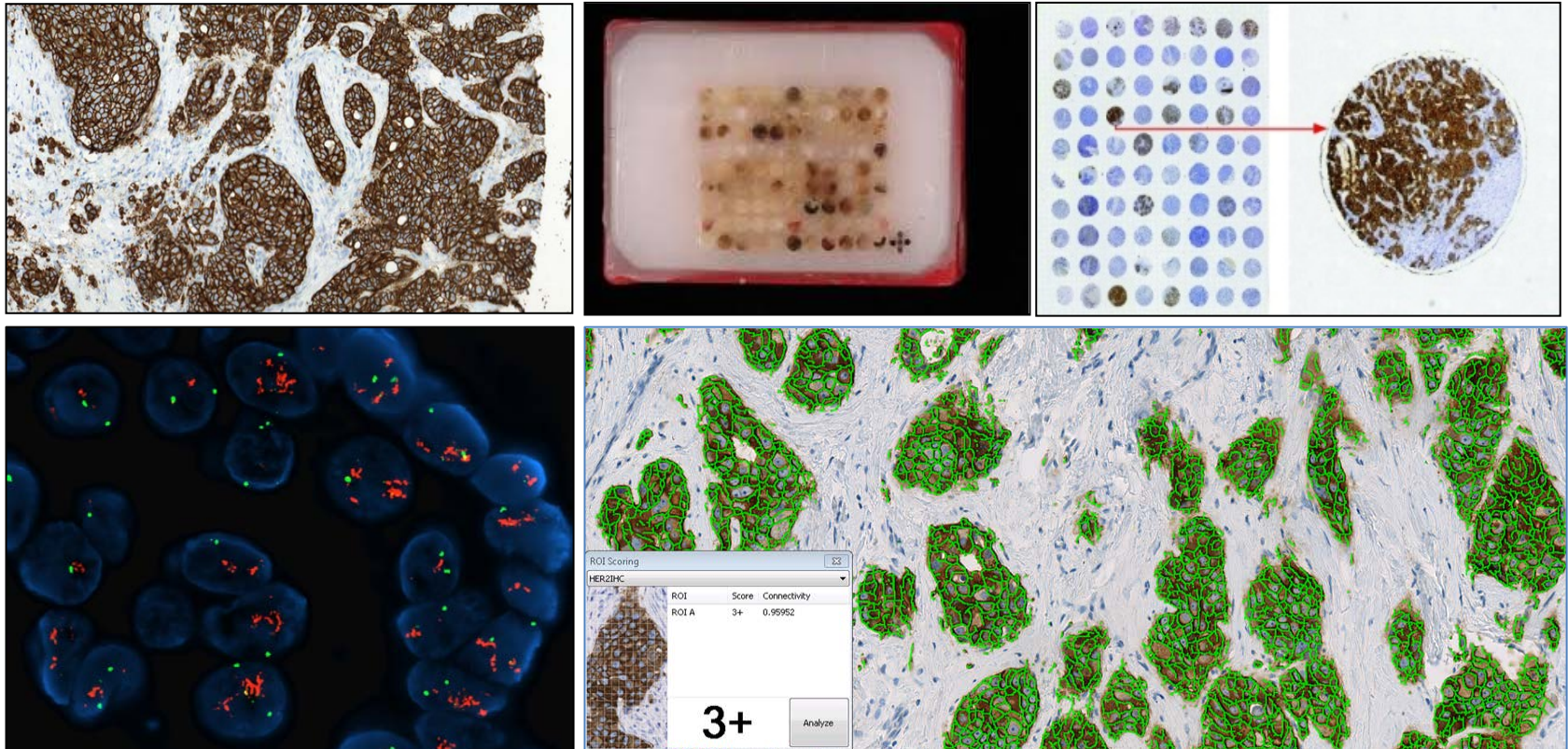


Automated image analysis is superior to manual reading of HER2 expression in breast cancer

Rossing HH, Talman ML, Vainer B

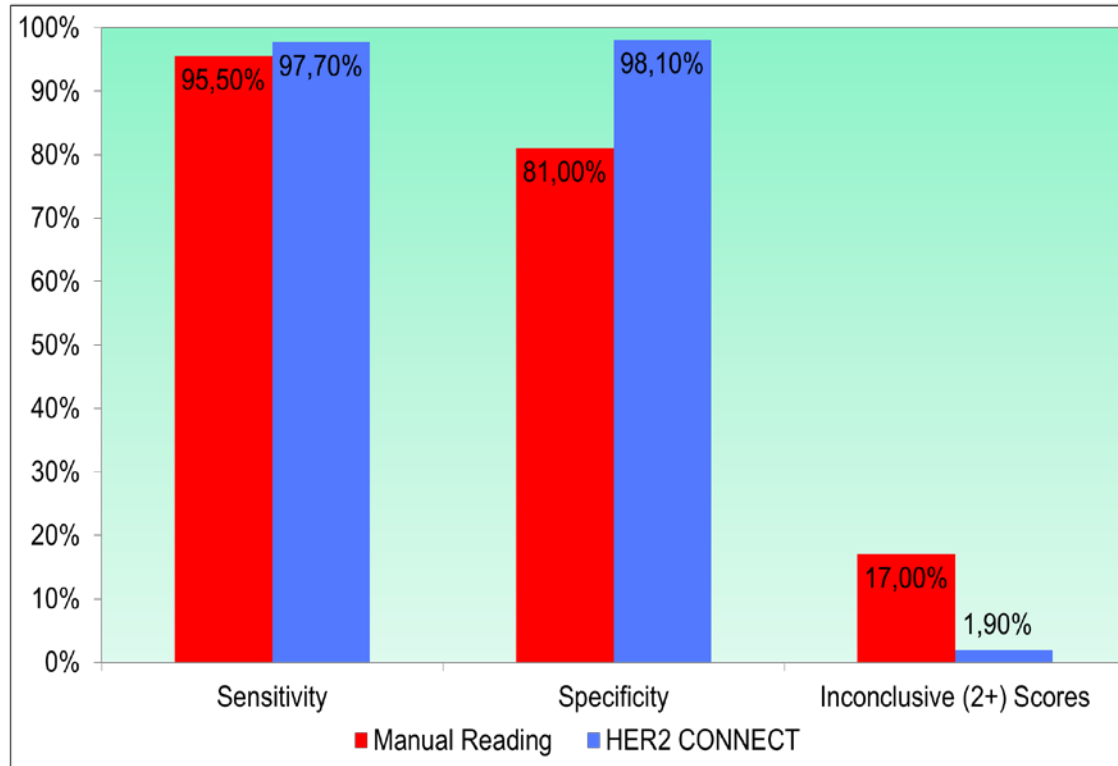
Department of Pathology, Rigshospitalet, University of Copenhagen, Denmark

Aim: Validate digital, automated image analysis algorithm HER2-CONNECT, with a goal to minimizing the number of inconclusive HER 2+ scores.



156 patients in 12 TMA

Results



Automated image analysis HER2-CONNECT algorithm for HER2 protein expression decreased the need for supplementary FISH testing by almost 90%

HER2-CONNECT will make the assessment of HER2 fully automatic, fast and objective to the benefit of breast cancer patients.