

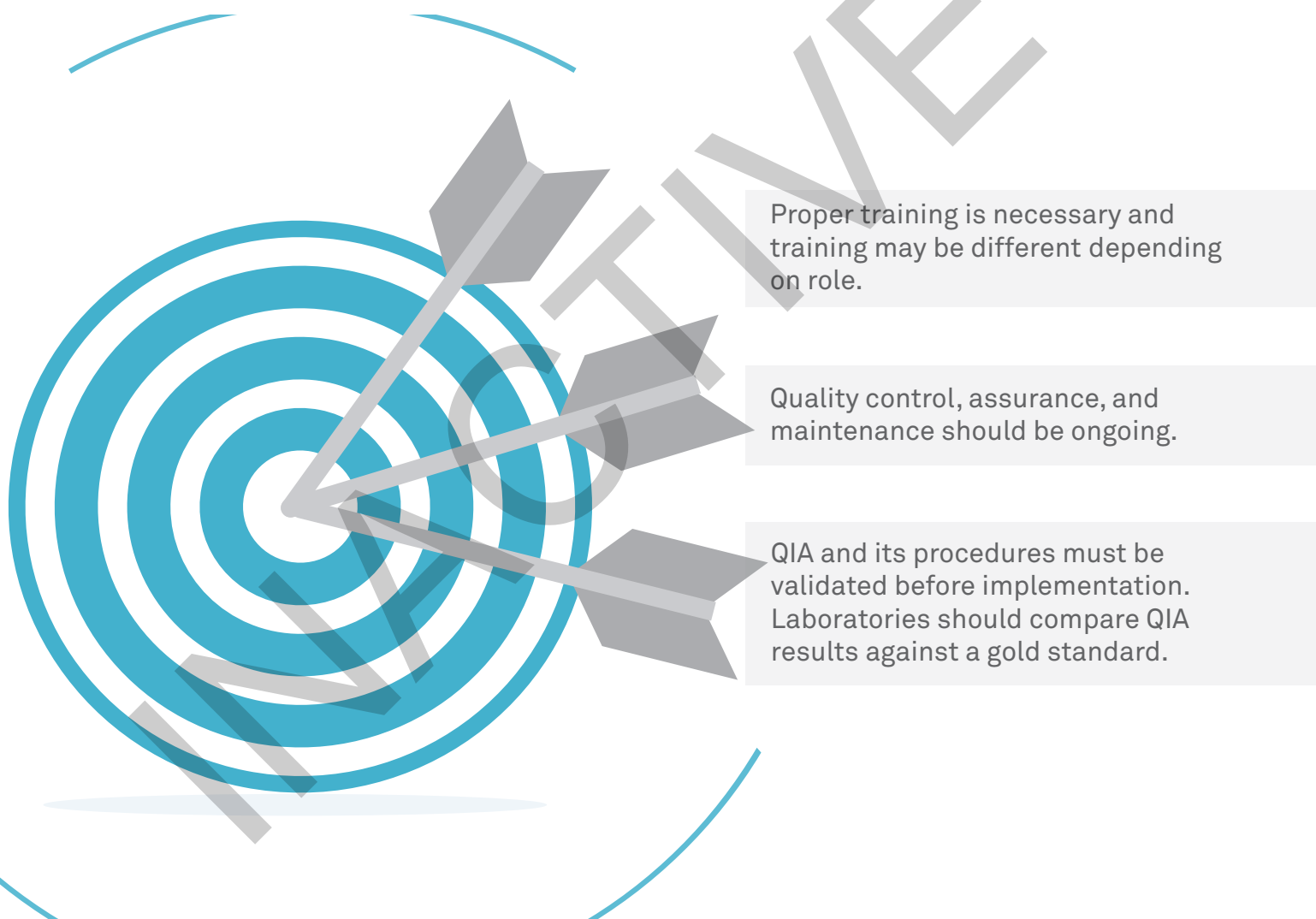


COLLEGE of AMERICAN
PATHOLOGISTS

Laboratory Quality Solutions

Quantitative Image Analysis of HER2 Immunohistochemistry for Breast Cancer

The 2019 evidence-based guideline helps laboratories that use quantitative image analysis (QIA) for diagnostic purposes achieve accurate, reproducible results:



Proper training is necessary and training may be different depending on role.

Quality control, assurance, and maintenance should be ongoing.

QIA and its procedures must be validated before implementation. Laboratories should compare QIA results against a gold standard.

Refer to the guideline manuscript to review the 11 recommendations.

Bui MM, Riben MW, Allison KH, et al. Quantitative image analysis of human epidermal growth factor receptor 2 immunohistochemistry for breast cancer: guideline from the College of American Pathologists. *Arch Pathol Lab Med*. 2019;143(10):1180-1195. doi: 10.5858/arpa.2018-0378-CP