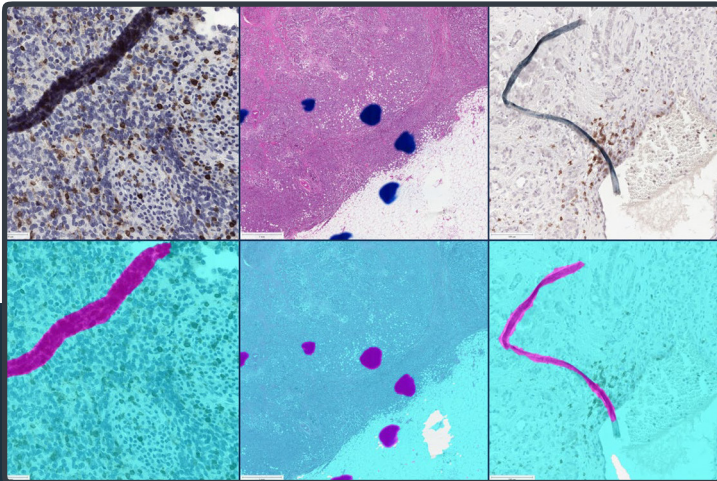




# SLIDEQC BF

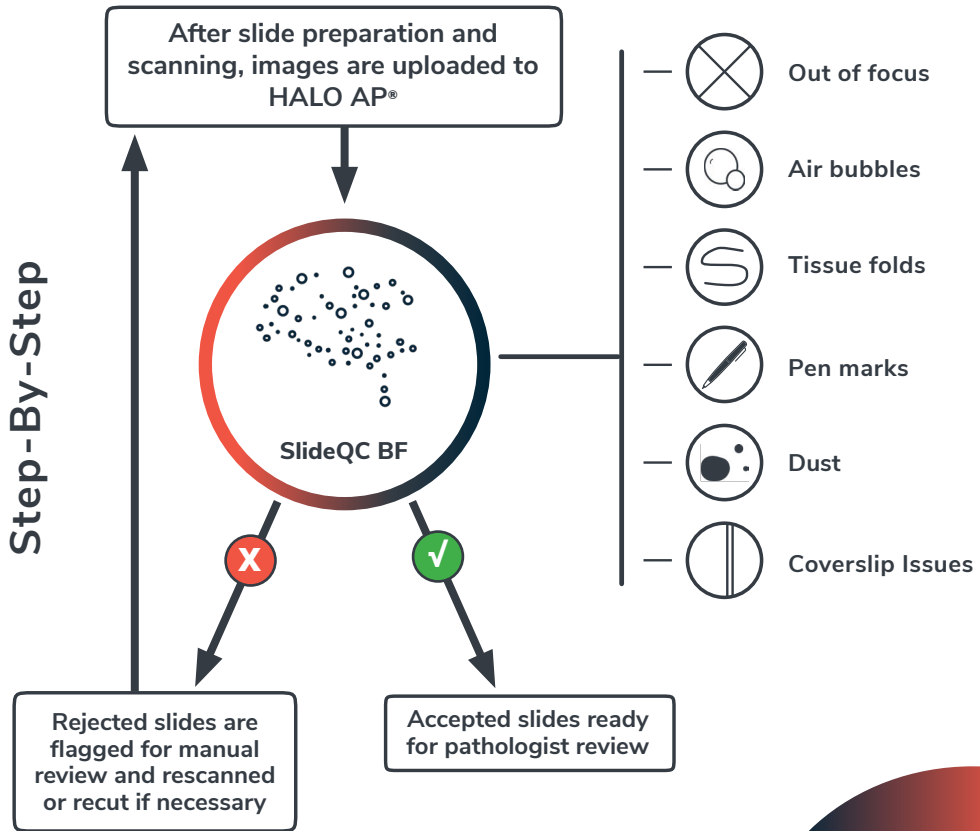
HALO Clinical AI Solutions



SlideQC BF for HALO AP® is an automated, AI-powered application for H&E and IHC slides that detects the most common artifacts generated during the process of slide preparation and whole slide imaging. It is seamlessly integrated into the CE-IVDR marked HALO AP® diagnostic digital pathology platform.

powered by **indica labs**

# PUT AI TO WORK IN YOUR ANATOMIC PATHOLOGY LABORATORY



**Inputs:** H&E- and IHC-stained whole slide images

**Key Outputs:** A visual mask identifying areas of artifact and a calculation of area and percentage of slide affected by artifact

You set the artifact threshold to control the quality process of your lab.



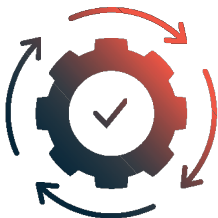
## **IMPROVE WORKFLOW EFFICIENCY**

Providing pathologists with high-quality digital slides expedites report generation and improves workflow efficiency.



## **INCREASE STAFF AVAILABILITY**

SlideQC BF automates quality control, freeing technicians and staff to work on other laboratory tasks.



## **IMPROVE CONSISTENCY IN LAB OPERATIONS**

SlideQC BF delivers consistency to lab operations through a user-defined threshold that triggers additional review processes.

# GET THE MOST OUT OF YOUR QUALITY REVIEW PROCESS

## 1. Save on time and resources

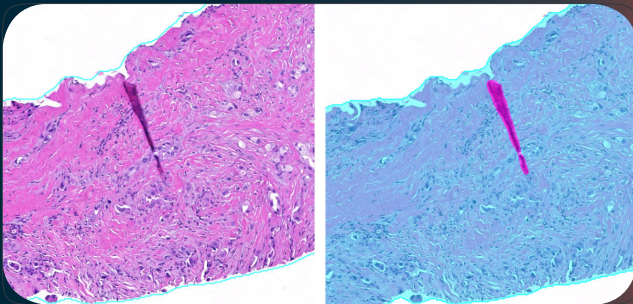
Manual screening of slides is a time-consuming and resource-intensive process, especially as case volumes continue to increase. SlideQC BF frees up resources so they can be allocated to other laboratory tasks.

## 2. Ensure consistent image quality

SlideQC BF automatically detects pre-analytic artifacts and flags affected slides for reprocessing before they compromise data integrity. This ensures consistent image quality and reliable output across high-volume pathology workflows.

## 3. Designed for quality assurance, so you can focus on productivity, reproducibility, and scalability

SlideQC BF automatically analyzes each slide to assess tissue adequacy and detect artifacts, reducing case turnaround times by ensuring only high-quality slides are submitted for pathologist review.



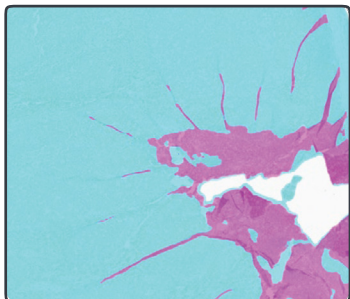
Annotations from SlideQC BF are used to automatically assess the percentage of acceptable tissue across H&E WSI (on the left) and display acceptable tissue (in blue on the right) with highlighted artifacts (in magenta on the right).

## PERFORMANCE & VALIDATION

Unanalyzed Image



After SlideQC BF

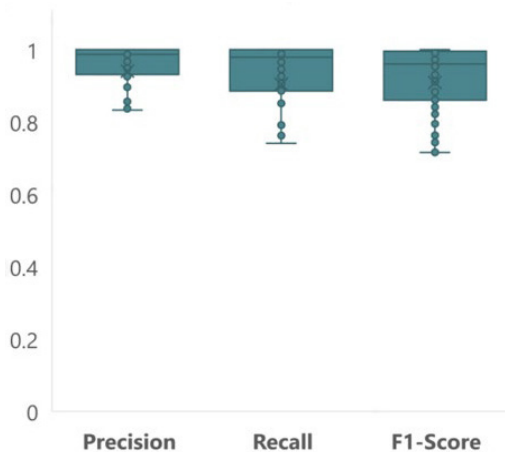


Artifact



Quality  
Tissue

SlideQC BF Average Sensitivity, Specificity, and F1-score



Precision

Recall

F1-Score

Metric	Average $\pm$ SD
Precision	0.94 $\pm$ 0.10
Recall	0.90 $\pm$ 0.16
F1-score	0.91 $\pm$ 0.12

Performance of SlideQC BF was evaluated on external H&E and IHC test sets sourced from HistoQC Repository and LYON19.



## Ready to learn more?

Contact us to schedule a demo of SlideQC BF and HALO AP®.

SlideQC BF is intended to be used as a quality control tool for whole slide images and is not regulated as a medical device in the EU/UK. SlideQC BF is for Research Use Only in the USA and is not FDA cleared for clinical diagnostic use. SlideQC BF is accessed via the HALO AP® enterprise digital pathology platform.

HALO AP® is CE-IVDR marked for in-vitro diagnostic use in Europe, the UK, and Switzerland. HALO AP® is For Research Use Only in the USA and is not FDA cleared for clinical diagnostic use. In addition, HALO AP® provides built-in compliance and certifications with FDA 21 CFR Part 11, HIPAA, and GDPR.

TCHMAR-000013v1

# indica labs

[info@indicalab.com](mailto:info@indicalab.com) | [emea@indicalab.com](mailto:emea@indicalab.com) | [japan@indicalab.com](mailto:japan@indicalab.com) | [china@indicalab.com](mailto:china@indicalab.com)

USA +1 505 492-0979 | UK/EU +44 1789 765 721 | 日本 +81 (0)3 4400 0466 | 中国 +86 13761896143