



Bacteriology Gram Digital Manual Review

Digital microscopy screening tool that reduces the time, effort and cost of gram analyses. It may be used to review and report results for Gram-stained slides scanned with a whole slide imaging scanner.

Greater Efficiency, All Digital

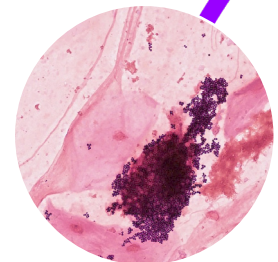
Techcyte's bacteriology gram analysis solution is a revolutionary screening tool that helps medical technologists read bacteriology slides more efficiently using our lab-optimized workflow and LIS integration.

Current Methods

- ✓ Time consuming analysis via microscope
- ✓ Eye strain, fatigue, distractions
- ✓ Physical slide storage & disposal
- ✓ Must be present at lab for read

Techcyte Solution

- ✓ Permanent digital record
- ✓ Rapid slide retrieval
- ✓ Relevant images presented for review
- ✓ Better working conditions



How it Works

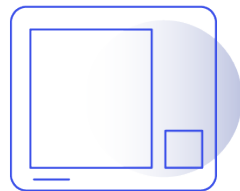
Our bacteriology digital manual review software utilizes gram stained slides scanned by the Hamamatsu s360. Once the slide is digitized, our software presents 10x and 100x fields of view for rapid sample analysis.

A trained technologist uses the digital interface to identify atypical cells or bacteria and then records the presence or prevalence scores. Results may be assigned to colleagues for collaborative review.

Our 4-Step Process



Create Slides



Scan Slides



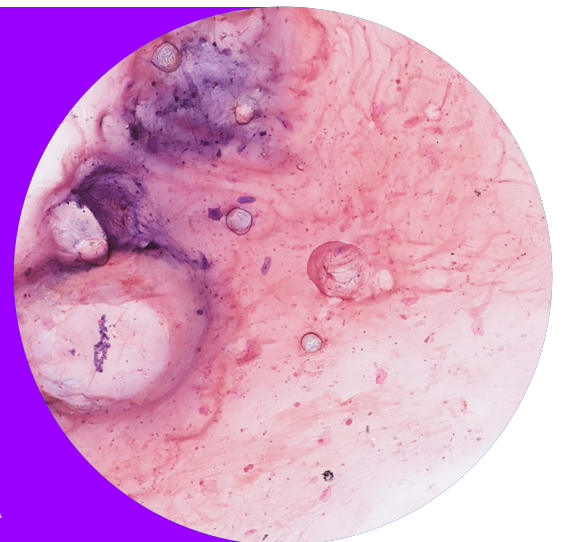
Digital Review



Collaboration

Sample Types *

- Altered skin/wound swabs
- Bronchoalveolar lavage
- Cerebrospinal fluid
- Cytospun body fluids
- Ear, nose, & throat
- Genitourinary
- Pus
- Respiratory
- Sterile collection
- Synovial fluid



* these have not been examined by the FDA

Compliance



Features

- State-of-the-art Clinical Pathology AI Platform
- Remote consultation from any web-enabled device
- Slide scanning using patent-pending slides for both cytopun and smeared samples
- Quick location and retrieval of slides while working on the corresponding culture
- Annotation of rare bacteria or areas of interest
- Laboratory Information System (LIS) integration via API
- Digital archiving & storage of slides



Benefits

- ✓ Rapidly correlate results with the culture
- ✓ Eliminate the need to store 14 days of slides
- ✓ Annotations facilitate QC and secondary review
- ✓ Images available for educational purposes
- ✓ Permanent record of gram stain analysis
- ✓ Better working environment for techs, less repetitive stress injuries

WVVB

Questions? Interested in a demo?
Contact us today. We'd love to talk.

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