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 SERVICE OVERVIEW

# Digital Pathology and Reporting Support.

A concise physician-facing overview of the prostate-focused service, deliverables, and clinical value.

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This document provides an overview of BioVantra's Digital Pathology and Reporting Support service for prostate cases, and how digital pathology review, specimen-to-report workflow continuity, and structured synoptic reporting work together to support more efficient review, more consistent sign-out, and clearer pathology-urology communication.

— 01 / WHAT THIS SERVICE IS

## A connected, prostate-focused pathology workflow — not a viewer or a template alone.

BioVantra's Digital Pathology and Reporting Support service is built around prostate cases, bringing digital pathology review, specimen-to-report workflow continuity, and structured synoptic reporting together as one connected service rather than as separate tools used in parallel.

Rather than treating digital review and report formatting as isolated steps, the service ties them to the same case context — accessioning, orientation, sector mapping, and prior notes — so the viewer, the report, and the underlying specimen detail belong to a single workflow.

The service is intended to support pathology and urology teams working on prostate cases, particularly where multiple cores, sector context, second reads, or consistent reporting across cases benefit from a connected digital workflow.

### Inputs and supported outputs

#### INPUTS

- Prostate biopsy or specimen images
- Specimen accessioning and orientation
- Sector and laterality context
- Annotations from prior or shared review
- Case-level clinical context

#### SUPPORTED OUTPUTS

- Connected digital pathology review
- Structured synoptic pathology report
- Specimen-to-report continuity
- Annotation and field/level revisit
- Clearer pathology-urology communication

*The service is intended to make digital review and structured reporting work as one connected pathology workflow rather than two separate tools.*

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— 02 / WHAT THE SERVICE DELIVERS

## A connected workflow across digital review, structured reporting, and specimen continuity.

The Digital Pathology and Reporting Support service is organized to keep digital pathology review, structured reporting, and specimen-to-report continuity tied to the same case context, so pathology and urology teams can work from one shared, prostate-aware record rather than reassembling context at each step.

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### 01 Digital pathology review

Cases can be reviewed as a whole — fields, levels, and ancillary images — in a shared environment that supports annotation, revisit, and coordinated second reads.

### 02 Structured synoptic reporting

Pathology findings are organized into a predictable layout with consistent terminology, so grade, extent, laterality, margins, and ancillary findings appear in known places.

### 03 Specimen - to - report continuity

Accessioning, orientation, sector context, and prior notes travel with the case from receipt through final report rather than being reassembled at each step.

### 04 Prostate - aware workflow context

Workflow handling is tuned to prostate cases — many small cores, sector mapping, and the orientation cues that change how findings should be read.

### 05 Pathology–urology communication support

Reports and review surfaces are designed to be read by pathology and urology together, so findings translate cleanly into shared decision-making rather than free-text reconciliation.

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*The service is intended to function as one connected pathology workflow rather than as a viewer, a reporting template, and a specimen log running in parallel.*

## — 03 / WHY IT ADDS CLINICAL VALUE

## More efficient review, more consistent sign-out, and cleaner case continuity.

The clinical value of the service lies in keeping digital review, structured reporting, and specimen context tied to the same case, so pathology and urology teams move through complex prostate cases more efficiently and reach a more consistent, well-documented final read.

### More efficient case review

A connected viewer with annotations, levels, and prior notes in one place reduces time spent reassembling context, so the pathologist spends more time on interpretation and less on logistics.

### Cleaner pathology–urology communication

When both sides read the same structured fields in the same order, pathology findings translate more cleanly into urology decision-making, supporting more consistent discussion between teams.

### More consistent sign-out

Structured fields and shared terminology reduce case-to-case variation in how findings are recorded, supporting a more predictable sign-out across pathologists and across time.

### Better handling of complex, multi-part cases

Prostate biopsies with many cores, second reads, or referral material are handled within one workflow where laterality, sector context, and prior annotations stay attached to the case.

### Retained case continuity from accessioning to final report

Specimen identity, orientation, sector mapping, and prior notes travel with the case rather than being reassembled at each step, so the final report reflects the full context the case was reviewed in.

#### HOW THE WORKFLOW SHOWS UP AT SIGN-OUT

##### ■ Faster orientation to the case

Cores, levels, sector context, and prior annotations are available together at sign-out, so the pathologist can orient to the case quickly rather than reassembling pieces.

##### ■ Smoother handling of complex cases

Multi-core biopsies, second reads, and referral material stay within one connected workflow rather than being reconstructed across separate tools or formats.

##### ■ Predictable report structure

Grade, extent, laterality, margins, and ancillary findings appear in known places from case to case, supporting a more consistent sign-out and easier comparison over time.

##### □ Shared structure with urology

Pathology and urology read the same fields in the same order, reducing the need to reconcile differing report formats during case discussion.

— 04 / WHEN TO CONSIDER THIS SERVICE
 

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## Clinical scenarios in which a connected pathology workflow is particularly useful.

This service may be most useful when prostate pathology benefits from connected digital review, structured reporting, and retained specimen context rather than from any one of those tools used in isolation.

### SCENARIO 01

**Prostate biopsy cases with multiple cores and sector context**

Cases involving many small cores benefit from sector mapping, retained orientation, and structured reporting that keeps location and finding tied together from accessioning through final report.

### SCENARIO 02

**Second reads, consultation, or coordinated review**

Digital review supports shared case access for second opinions or multi-reviewer sign-out without depending on glass-slide logistics, with annotations and prior notes available alongside the images.

### SCENARIO 03

**Pathology and urology reading the same case together**

When pathology findings need to translate cleanly into urology decision-making, structured synoptic reporting helps both sides read the same fields in the same order.

### SCENARIO 04

**Adopting consistent structured reporting across cases**

Practices moving toward synoptic reporting benefit from a consistent layout for grade, extent, laterality, margins, and ancillary findings that supports comparison across cases and across time.

### SCENARIO 05

**Multi-site or distributed pathology workflows**

Distributed or multi-site review benefits from a shared digital workflow where specimen identity, orientation, and prior notes travel with the case rather than being reassembled at each step.

The Digital Pathology and Reporting Support service is intended for pathology and urology teams who want digital review, structured synoptic reporting, and specimen-to-report continuity to work as one connected, prostate-aware workflow rather than as separate tools.

SERVICE OVERVIEW ONLY – COMPANION MATERIALS AVAILABLE SEPARATELY.