



A New Frontier in Diagnostic Workflow

Transport Your Radiologists into the Future of AI-Augmented Workflow



Odyssey™ is a fully integrated and automated triage workflow, augmented by FDA-approved algorithms. Odyssey Navigator™, a sophisticated rule-based AI workflow orchestrator, gives you complete control over which cases are sent for clinical AI processing, and which cases are not so that you can augment your radiologists' workflow only when AI processing is needed, and avoid paying for AI processing when it is not.

Odyssey™ is designed to help you easily transition into an AI-augmented workflow by allowing you to avoid unnecessary triaging, for example, when all your Service Level Agreements are already being met.

- › Intelerad will subsidize trial use of Zebra-Med AI1™ clinical products
- › De-risk and de-burden the transition to AI-augmented workflow
- › Pay-per-use pricing following the trial means you only pay for cases you have chosen to send for clinical AI processing

Take Control of Clinical AI Workflow

Unlike traditional clinical AI platforms which send all cases for AI processing, Odyssey Navigator™ offers rule-based configuration at the enterprise level to allow you control over which cases are sent to the clinical AI engine, based on:

- › Time of day
- › TAT thresholds
- › Sub-specialist shortages/availability (for example, to escalate spine fractures only when MSK is on shift)
- › End-of-shift verification (for example if the worklist contains a large number of chest X-rays near the end of a shift, define a rule to process just those cases to ensure you are not walking away from potential critical findings)
- › Patient age and other patient/exam characteristics

Key Benefits

- › Faster identification of acute finding with automated triage within a SmartWorklist
- › Improve turnaround times (TATs) of exams with acute findings
- › Provide a safety net to help on-call radiologists or residents/registrars not miss an acute finding
- › Increase detection rate and optimize patient care based on significant incidental findings
- › Trigger exam assignment based upon results of AI (e.g., assigning to MSK rad if a fracture is detected)
- › Automatically escalate exams based upon AI results
- › Actionable data from analytic reports that track TATs for positive and negative findings

Be your kind of special. **Stand Out.**

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Odyssey Offers:

Native AI Workflow

Odyssey™ directly integrates clinical AI algorithms so that clinical findings can be automatically prioritized in the Clario SmartWorklist and the AI results can be seamlessly visualized in the diagnostic IntelViewer Diagnostic Imaging Platform.

Triage and Acute Conditions

Pneumothorax (PNX)



PNX is a Triage AI solution that identifies findings suggestive of pneumothorax prioritises and outputs an alert through worklist integration to address it in a timely manner. This product can be set up for automated processing, deliver annotations (varies by version) and prioritisation of results within Clario SmartWorklist.

Pleural Effusion (PEF)



PEF is a Triage AI solution that automatically identifies and alerts findings suggestive of pleural effusion. The pleural effusion finding is an indication of other findings that need to be addressed in a timely manner.

Intracranial Haemorrhage (ICH)



The ICH AI solution identifies suspected internal brain bleeds and is designed to assist with early detection of those with brain bleed events. The Triage solution is for prioritised medical attention of head CT where time critical brain bleeds need immediate diagnosis.

About Intelrad Medical Systems.

Intelrad is a leader in enterprise workflows, specializing in diagnostic viewing, reporting, and collaboration solutions for hospitals, imaging centers, and reading groups. Renowned for their innovative features and functionality, Intelrad solutions, such as IntelPACS®, IntelViewer™, IntelOne® XE, and nuage® Cloud Imaging Platform increase productivity and streamline workflow by overcoming technical barriers in distributed and complex environments. Highly scalable, flexible and robust, Intelrad's solutions offer high performance and industry-leading customer service and support.

Population Health

Vertebral Compression Fractures (VCF)



VCF is an AI solution that identifies moderate and severe Vertebral Compression Fractures. Fully automated processing helps diagnose fractures that are missed or not reported on for commonly performed chest and / or Abdominal CT scans - with or without contrast.

Coronary Calcium Scoring (CCS)



CCS is an AI solution that provides an enhancement to conventional coronary calcium scoring requiring dedicated ECG gated CT performed without

contrast. It provides a 4-category Agatston score for early detection of patients with elevated risk.

Oncology

Triage Mammography



Triage Mammography is an AI solution that identifies cases that have suspicious findings for breast cancer and returns either 'suspicious' or 'no suspicion found'. It is able to identify 4 major breast categories of findings including: Masses, Calcifications, Architectural distortions, and Asymmetries.

Why AI-Augmented Workflow?

- › Fully integrated and automated triage and clinical findings workflows
- › Add value to the diagnostic workflow without taking away radiologists' autonomy
- › Avoid unnecessary triaging, for example, when all your Service Level Agreements are already being met
- › Intelrad will subsidize the first 12 months of trial use of Zebra-Med AI1™ clinical algorithms and the first 6 months of Zebra cloud hosting*
- › Pay-per-use pricing following the promotional discount so that you only pay for cases you have chosen to send for clinical AI processing
- › Increase discovery rate of significant incidental findings

*Certain conditions apply

Odyssey Trial Period

Clario SmartWorklist users who purchase Odyssey prior to RSNA 2020** (November 29, 2020) are eligible to receive:

- › Fully subsidized professional services fees
- › 12 months*** fully subsidized trial use of Zebra-Med AI1™ clinical algorithms
- › 6 months*** fully subsidized cloud hosting of Zebra-Med AI1™ clinical algorithms

** The number of trial spaces available is limited

*** Starting on date of go-live

Algorithm	Regulatory Approval
Intracranial hemorrhage	› FDA (excluding annotation) › CE › Health Canada
Vertebral Compression Fractures	› CE › FDA Pending › Health Canada
Pleural Effusion	› FDA (excluding annotation) › CE › Health Canada
Coronary Calcium scoring	› FDA › CE › Health Canada
Pneumothorax	› FDA (excluding Key images and annotations) › CE › Health Canada
Triage Mammography	› FDA Pending › CE › Health Canada

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