Nova Health AI

More time for Patient Care

Beyond The Hype: More Time For Patient Care



June 2026

Discussion

Experience Not Pilots

Proven results across 130,000+ annual cases demonstrate how AI agents reduce administrative burden, restore clinician time for patient care, and deliver exceptional ROI.

Flipping the Script on Healthcare Workflow

✕ TRADITIONAL APPOINTMENTS

14 minutes

reviewing charts

1 minute

with patient

→

✓ WITH NOVA AI AGENTS

1 minute

reviewing AI summary

14 minutes

with patient

130K+

Annual Cases Processed

8,500+

Clinical Hours Saved Annually

148-965%

Return on Investment Range



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THE CHALLENGE

The Administrative Burden

40% Admin Tasks

Time spent on administrative duties

60% Patient Care

Time available for direct patient interaction

Clinicians dedicate 40% of their work hours to administrative duties, highlighting the urgent need for efficient workflow solutions in healthcare.



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Human/AI Collaboration: Empowering Clinicians

Empowering clinicians through AI enables a **significant shift** in healthcare delivery. By integrating intelligent automation, we allow healthcare professionals to focus on what truly matters: **delivering exceptional patient care, improving outcomes, and optimizing operational efficiency** across various clinical settings.

Intelligent Processing

Streamlining workflows for efficient data management

Machine Learning

Analyzing data patterns to improve care decisions

Natural Language Processing

Understanding patient interactions for better communication

Communication

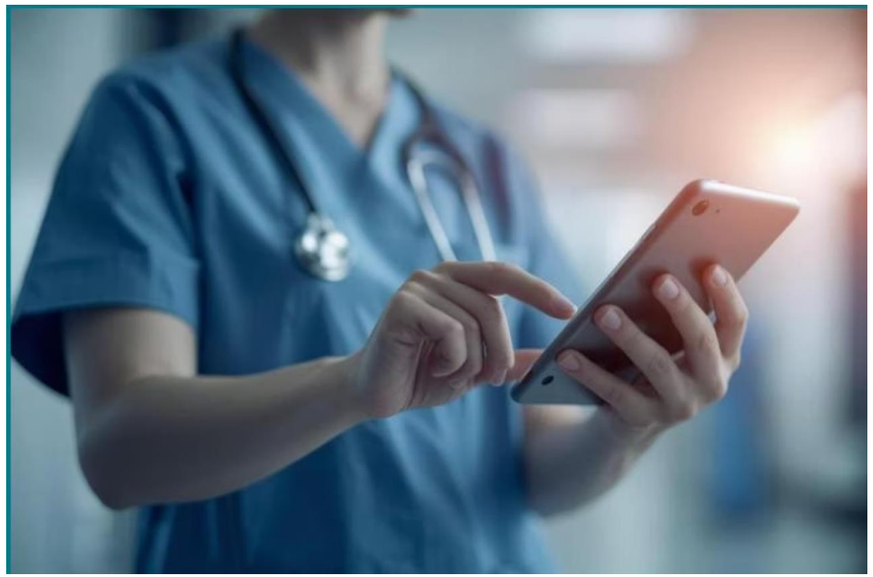
Engaging patients and clinicians through responsive digital assistance

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SECURITY FIRST

Trust and Security in Healthcare Systems



Privacy

Ensuring strict data protection measures including access control, encryption, and resident on client servers

Compliance

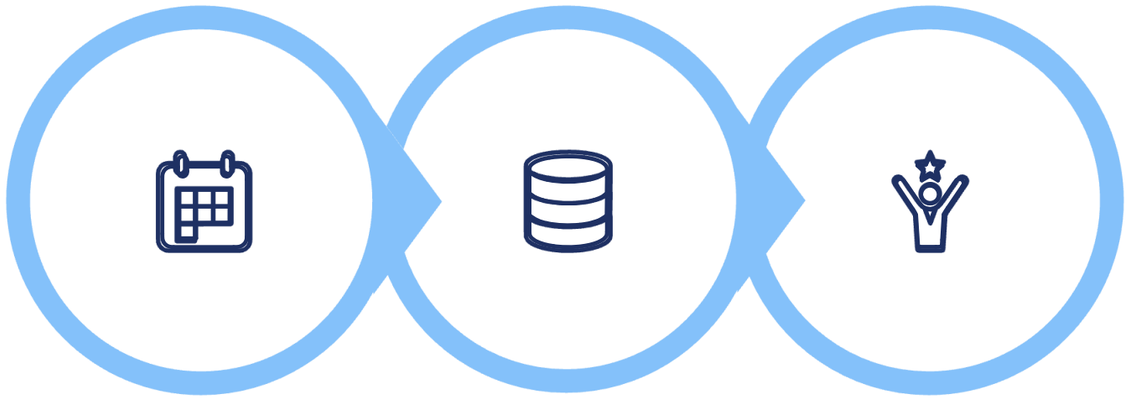
Adhering to healthcare regulations and standards: ISO27001, NEM7510, GDPR, HITRUST

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PROCESS

Seamless Workflow



Automated Checks

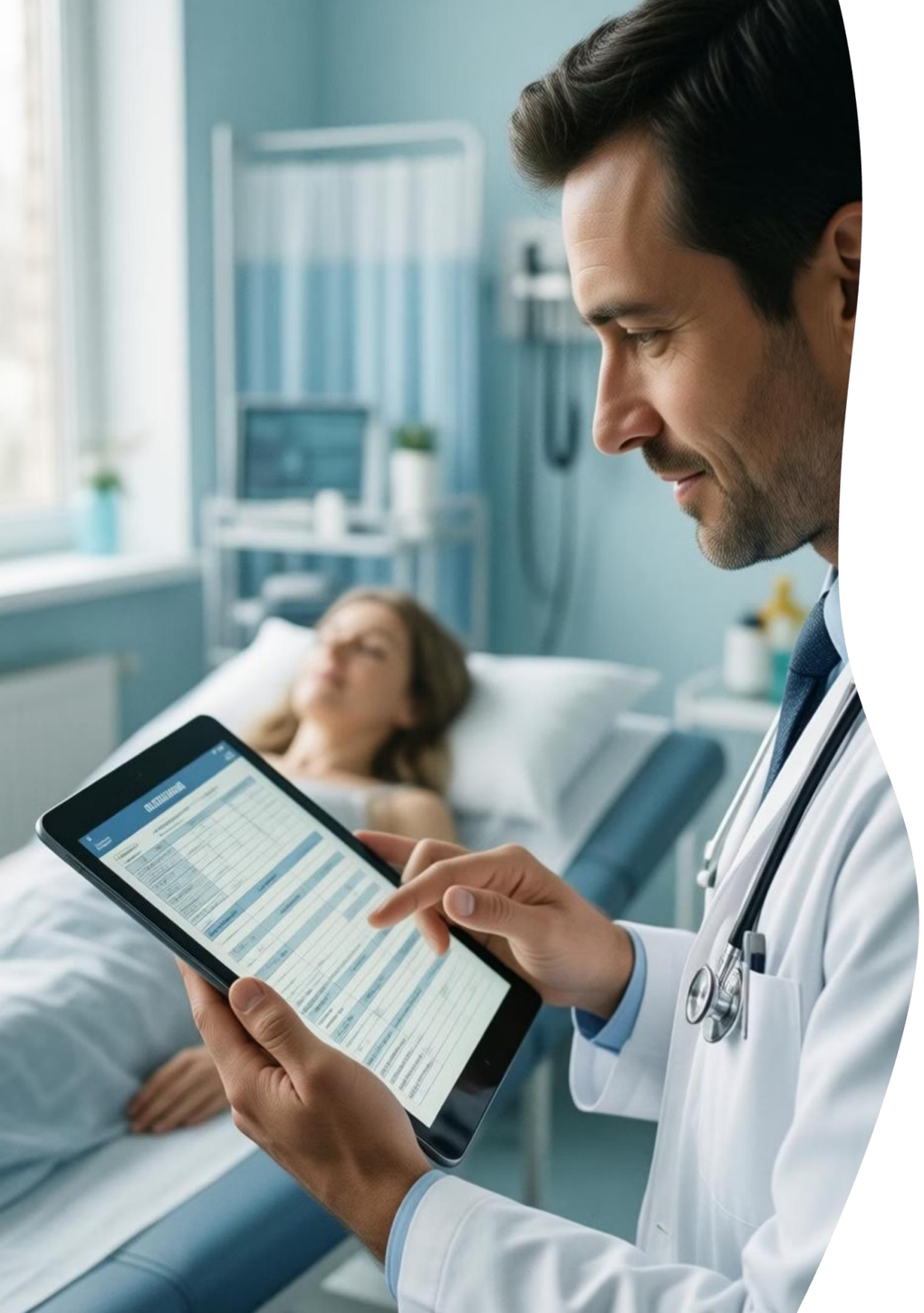
Results Retrieval

Integration Complete

Efficiently manage and verifies appointments, schedules, and interactions while automated systems fetch and update patient data in real-time.

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APPLICATIONS

Sample Use Cases

Scheduling

Streamlining patient appointments for better access and efficiency

Charting

Automating documentation to reduce clinician workload and errors

Team Prep

Enhancing collaboration for comprehensive patient care decisions

Document Triage

Quickly organizing patient information for efficient processing

Staffing

Optimizing staff schedules for improved patient care delivery

EMR Integration

Ensuring real-time access to accurate patient records

RESULTS

Proven Results: Measurable ROI and Efficiency Gains

Patient Scheduling

20,800 cases annually

1,740 hrs saved annually

96% automation saving significant time and resources

MD Team Preparation

4,800 cases annually

784 hrs saved annually

99% automation fosters collaboration among specialists

Consult Prep/Charting

7,000 cases annually

2,300 hrs saved annually

99% automation enhances preparation speed and accuracy

Document Management

99% automation streamlines documentation processes effectively

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Positive Outcomes



Reduced Readmissions

- 11% → 0% (FHCC Readmin)
- 30% → 13% (SUD Relapse)
- 30% → 7% (7-day FU)

Outreach enhances patient follow-up care

Improved Engagement

65% reduction in HEDIS

Increased communication leads to better patient satisfaction

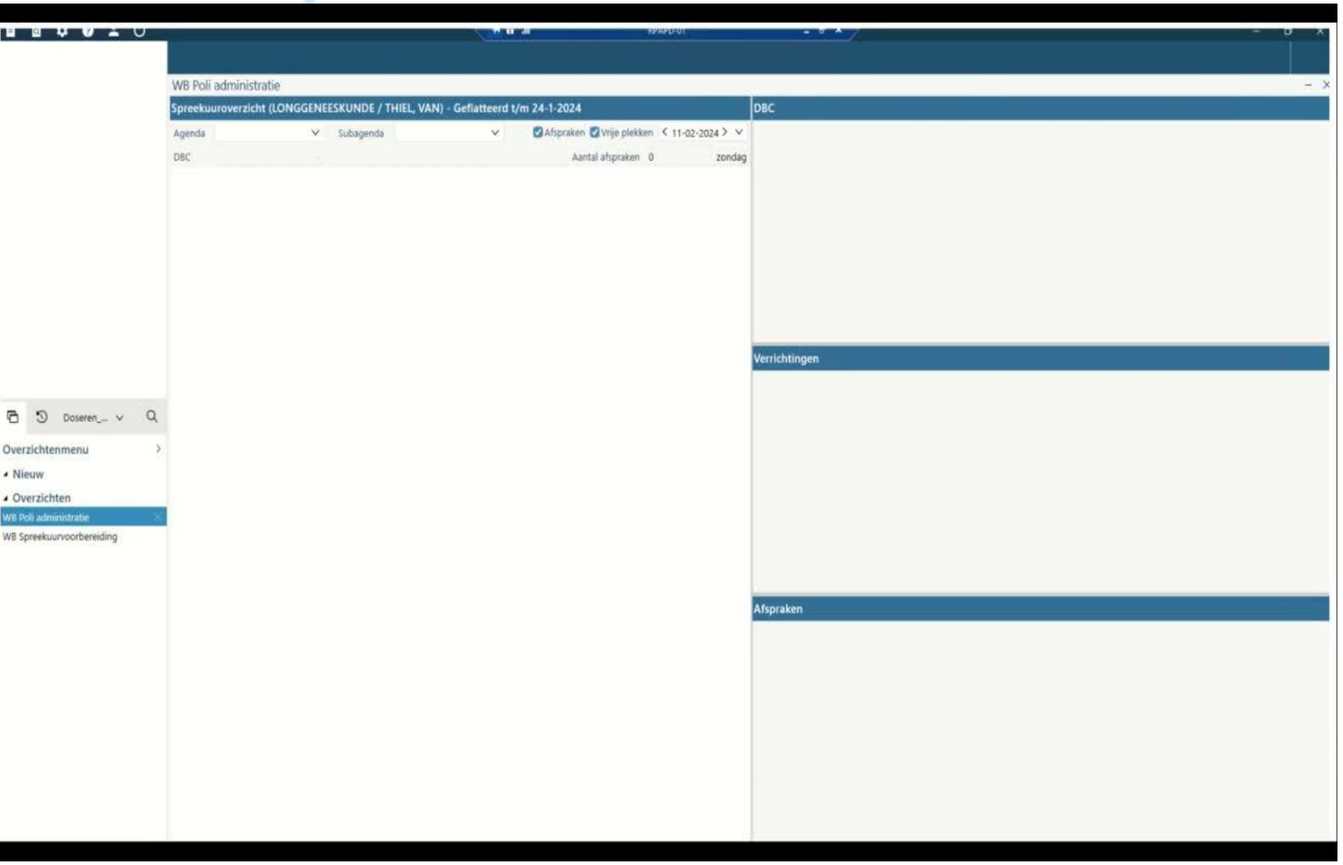
Enhanced Access

Utilizing telehealth solutions with AI helps bridge healthcare gaps for patients

Collaborative Care

10% - 15% productivity increase fostering positive patient experiences and outcomes

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Actual Client EMR screen video of one of our AI Agent in action

CASE STUDY

Patient Scheduling Excellence

20,800

Annual Cases

Appointments processed through AI automation

96%

Automation Rate

Nearly complete workflow automation

1,740

Hours Saved

Annual staff time reclaimed

495%

ROI

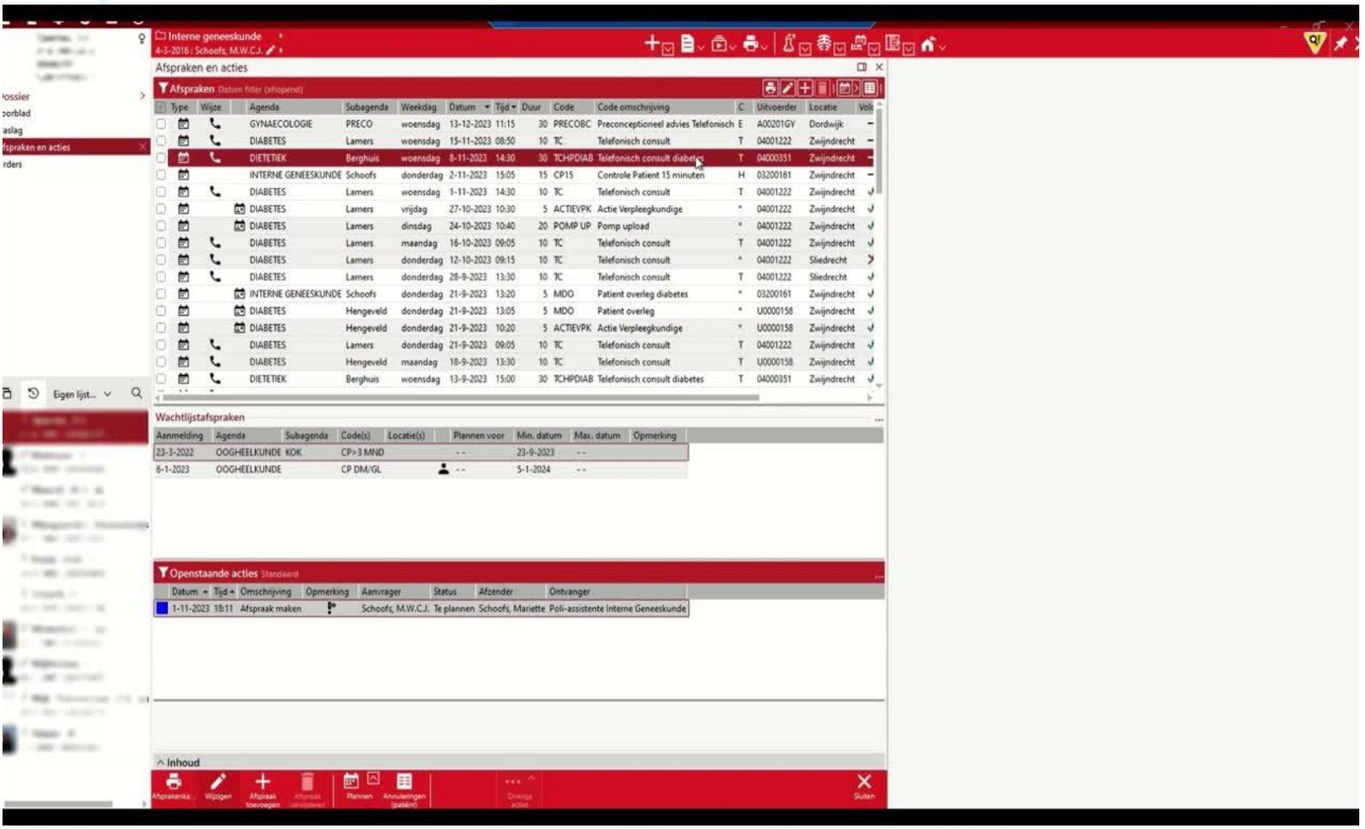
Return on investment achieved

AI-Driven Appointment Workflow

- Automated intake of appointment orders with intelligent routing
- AI-powered plan code assignment and specialist matching
- Dynamic waiting list creation and management
- Intelligent scheduling agent handles appointments not self-booked
- Automated confirmations and lab request adjustments

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CASE STUDY

Consult Preparation & Clinical Charting

7,027
Annual Cases
Consultations prepared automatically

99%
Automation Rate
Near-complete process automation

2,297
Hours Saved
Annual clinical time recovered

965%
ROI
Exceptional return on investment

Automated Workflow Steps

01

Agenda Preparation
AI compiles comprehensive visit agenda

02

Appointment Verification
Confirms last visit and validates results

03

Results Aggregation
Gathers nuclear medicine, radiology, labs, pulmonary tests, pathology, and microbiology

04

Clinical Visit Prep
Prepares comprehensive documentation

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CASE STUDY

Multidisciplinary Team Coordination

4,800	99%	784	148%
Annual Cases	Automation Rate	Hours Saved	ROI
MDT meetings prepared	Comprehensive automation	Annual coordination time saved	Strong return on investment

Streamlined Team Collaboration

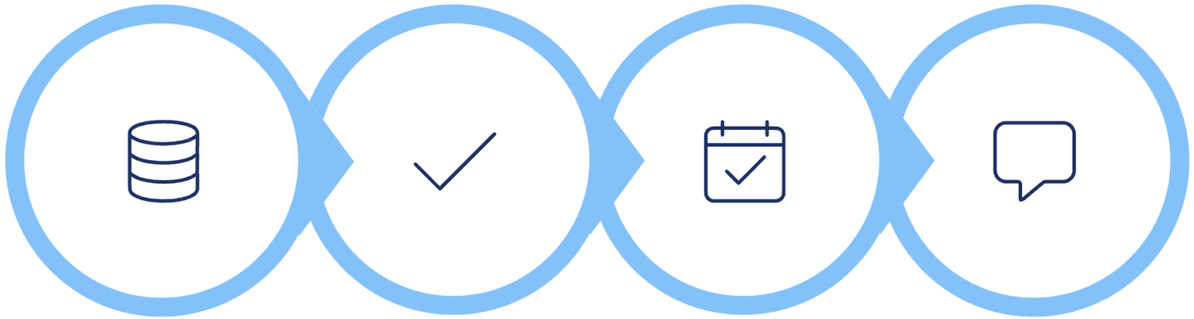
AI agents automatically prepare comprehensive case materials for multidisciplinary team meetings, aggregating patient data from multiple sources and organizing information for efficient clinical decision-making.

This automation ensures all specialists have complete, up-to-date patient information before meetings, significantly improving collaboration efficiency and patient care quality.

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Comprehensive EMR Integration for Oncology



Record Updated

Data Validated

Appointment Ready

EMR/Clinical Feedback



Radiology & Imaging

X-rays and diagnostic imaging automatically integrated



Lab Results

Comprehensive blood work and laboratory data



Medication Tracking

Patient medication use and biometric data monitoring



Multi-System Integration

HIE info, OLIS search, microbiology, and nuclear results

94%
Automation Rate

3,600
Hours Saved Annually

839%
ROI

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AI Agent Impact Across Healthcare Specialties

Real-world results from deployed AI agents demonstrate consistent productivity gains and exceptional returns on investment across diverse clinical settings.

Specialty & Use Case	Annual Cases	Hours Saved	FTE Capacity	ROI	Key Benefits
ENT - Sleep Deficit Monitoring	1,575	184	0.11	325%	Automated patient monitoring
Emergency Dept - CPT/ICD/DRG Coding	19,500	683	0.44	430%	Real-time coding accuracy
Admin - CPT/ICD/DRG Registration	4,857	340	0.20	350%	Reduced administrative burden
Diabetes - MDT Consultation	4,800	784	0.47	148%	Enhanced team coordination
Internal Medicine - Follow-Up Scheduling	20,800	1,740	1.22	495%	Optimized appointment flow
Pulmonology - Clinic Prep/Charting	7,072	2,297	1.44	965%	Complete documentation automation
Radiology - Image Importing	72,000	2,520	1.58	573%	Seamless system integration

10-15%
Productivity increase for physicians and clinical staff

1-3%
Immediate cashflow increase through optimized operations

~5%
Bottom line expense reduction via workforce optimization

3-10%
Scheduling optimization reduces unnecessary patient visits

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Comprehensive AI Use Cases for Healthcare Providers



Document Triage

- Channel intake automation
- Intelligent data entry
- Automated indexing



Pharmacy & Supply Chain

- Patient profile management
- Fulfillment optimization
- Compliance and controls



Consultation & Care

- Health and wellness monitoring
- Nutritional management
- Value-based care delivery



Patient Access

- Patient enrollment streamlining
- Insurance verification
- Prior authorization processing



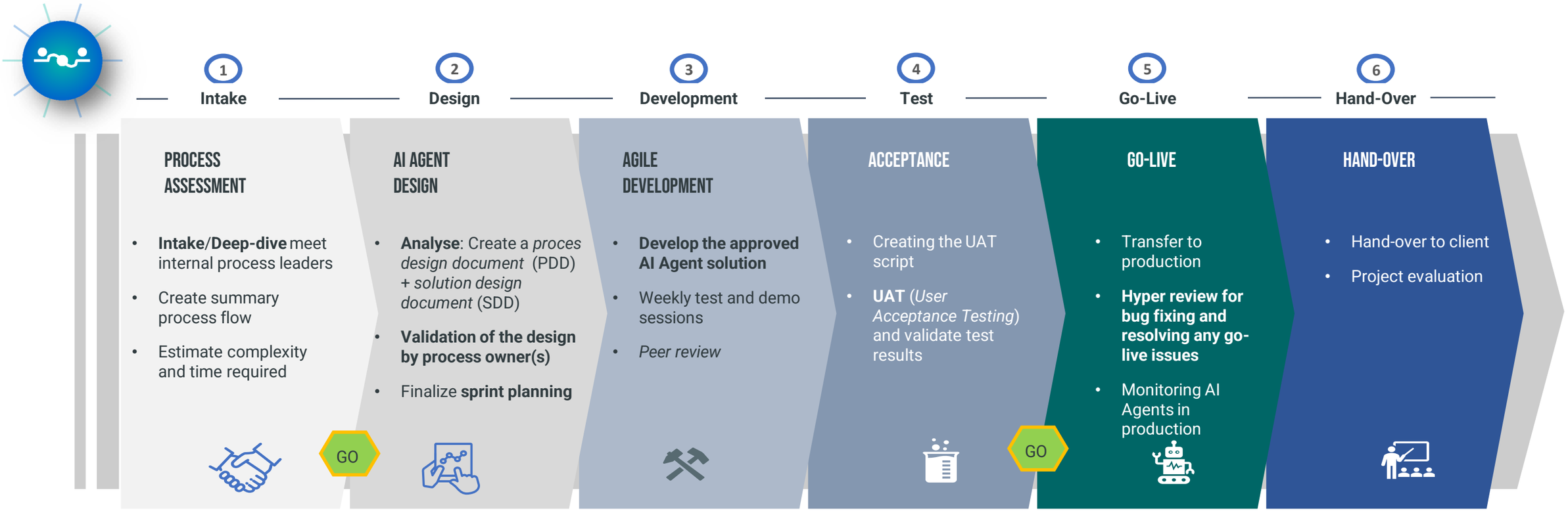
Nurse & Doctor Staffing

- Intelligent scheduling
- Barcode and scanning
- Financial planning integration

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AI Agent development & implementation:
30 weeks, 6 Stages
Minimal maintenance, Immediate results

The approach is designed for minimal time from the hospital/clinic staff at each stage.



Client	2 -3 hours workflow group	1 hour process lead* 4 hours IT lead	1 hour process lead per AI Agent*	1 -2 hour(s) process lead* 1 -2 hour (s) IT lead	1 -2 hour(s) process lead* 1 -2 hour(s) IT lead	1 hour process lead* 1 hour IT lead

The final lead time and capacity requirement depends on the number and complexity of the processes

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Thank You

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Try our ROI Calculator on the potential value to you

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