

Patient consultation and treatment planning

This workflow automates patient consultation and treatment planning by capturing patient information, analyzing medical history, generating personalized treatment recommendations, and scheduling procedures. It streamlines the consultation process while ensuring comprehensive care planning and optimal patient outcomes.

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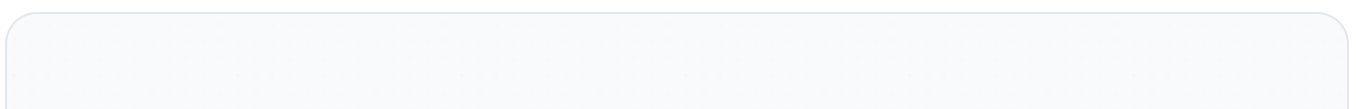
WORKFLOW TRIGGER

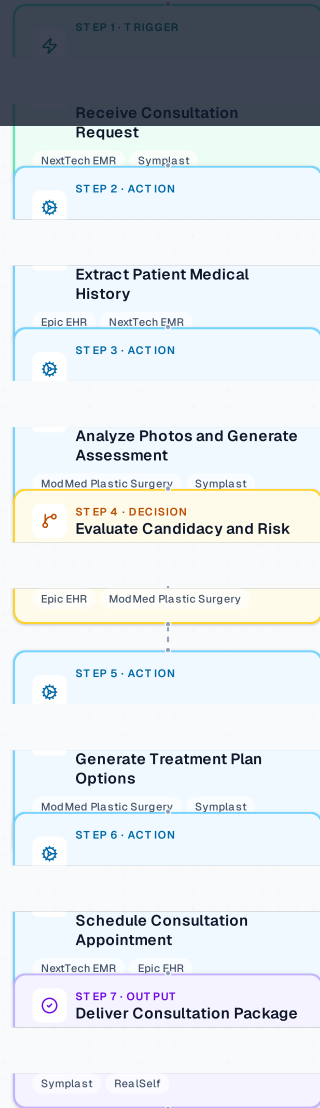


Patient submits online consultation request form through practice website or patient portal

Visual Flow

Each node represents an automated step. Connections show how data and decisions move through the workflow.





Step-by-Step Breakdown

Detailed explanation of each automated stage in the workflow.

1

⚡ TRIGGER

Receive Consultation Request

Patient submits initial consultation form with desired procedures, medical history, and photos through the practice's patient portal. System captures all submitted data and patient contact information.

NextTech EMR

Symplast

2

 ACTION

Extract Patient Medical History

System retrieves existing patient records from EHR and analyzes medical history for contraindications, allergies, and previous procedures. AI cross-references current medications and health conditions.

Epic EHR

NextTech EMR

3

 ACTION

Analyze Photos and Generate Assessment

AI analyzes submitted patient photos using computer vision to identify facial/body features and measurements. System generates preliminary assessment and potential treatment options based on patient goals.

ModMed Plastic Surgery

Symplast

4

 DECISION

Evaluate Candidacy and Risk

System determines if patient is a suitable candidate based on medical history, current health status, and realistic expectations. Workflow branches based on risk assessment and procedure complexity.

Epic EHR

ModMed Plastic Surgery

5

Generate Treatment Plan Options

AI creates multiple personalized treatment plans with procedure details, expected outcomes, costs, and recovery timelines. System includes 3D simulations and before/after projections when applicable.

ModMed Plastic Surgery

Symplast

RealSelf

6

ACTION

Schedule Consultation Appointment

System automatically schedules in-person consultation appointment based on surgeon availability and patient preferences. Sends appointment confirmation with pre-consultation instructions and treatment plan preview.

NextTech EMR

Epic EHR

7

OUTPUT

Deliver Consultation Package

System sends comprehensive consultation package to patient including treatment options, cost estimates, pre/post-care instructions, and surgeon credentials. Appointment details and preparation guidelines are included.

Symplast

RealSelf



Outputs

- Personalized treatment plan with 3D simulations
- Scheduled consultation appointment
- Pre-consultation patient education materials
- Risk assessment and candidacy evaluation
- Cost estimates and financing options



Key Metrics

- Consultation conversion rate
- Average time from request to scheduled appointment
- Patient satisfaction scores
- Treatment plan accuracy rate
- No-show reduction percentage



Tools & Integrations

- Epic EHR
- NextTech EMR
- ModMed Plastic Surgery
- Symplast



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