COSMETIC SURGERY · SURGICAL SCHEDULING OPERATIONS

Surgical scheduling and resource allocation

Automates surgical scheduling and resource allocation for cosmetic procedures by analyzing surgeon availability, operating room capacity, and patient preferences to optimize surgical schedules and minimize delays.

01 WORKFLOW TRIGGER

Patient confirms cosmetic surgery procedure and requests scheduling

BLUEPRINT OVERVIEW

What this workflow accomplishes

This workflow connects Symplast, NextTech EMR, Epic EHR, Cerner PowerChart, and ModMed Plastic Surgery so a confirmed cosmetic case moves from patient request to a booked OR block without manual phone tag. Automation handles clearance checks, complexity scoring, block matching, team assignment, and pre-op packet delivery. The operating surgeon, anesthesia lead, and OR charge nurse retain authority over case complexity, block release, and final schedule confirmation.

01

OUTPUTS

Confirmed surgery date and time, OR and team allocation plan, Pre-operative instruction packet, Booked pre-surgery appointment series

02

SUCCESS MEASURES

Surgery cancellation rate, OR utilization percentage, Average scheduling completion time, Same-day case delay minutes

03

CORE SYSTEMS

Epic EHR, Cerner PowerChart, ModMed Plastic Surgery, NextTech EMR, Symplast

HOW TO USE THIS BLUEPRINT

Practice administrators: use the stage map to set which procedure types may auto-book and which must hold for surgeon sign-off.

Surgeons and anesthesia leads: review the control points at stages three and five, since those are where you override complexity scoring and team assignment.

Implementation teams: build the Epic and Cerner block calendar sync first, then layer Symplast patient messaging on top of confirmed bookings only.

THE WORKFLOW

End-to-end stage map

Seven stages carry the case from portal confirmation to a locked surgical schedule. The decision point at stage three governs whether the case books into a standard block or requires specialized OR, implant inventory, and extended anesthesia coverage.

IMPLEMENTATION DETAIL

Stage-by-stage breakdown

Each stage states the operational intent, the human control point, and the systems likely to take part. System names are examples, not a required architecture.

01 TRIGGER

Patient Confirms Surgery Request

Patient confirms their cosmetic surgery procedure and submits scheduling preferences through the patient portal. System captures procedure type, preferred dates, and special requirements.

CONTROL POINT

The patient coordinator verifies the portal submission matches the signed surgical consent and quoted procedure before the case enters the scheduling queue.

SYSTEMS Symplast NextTech EMR

02 ACTION

Verify Insurance and Medical Clearance

System automatically checks insurance pre-authorization status and confirms required medical clearances are complete. Validates financial arrangements and payment plans.

CONTROL POINT

The financial counselor approves release of the case to scheduling and can hold any booking where deposit terms or a reconstructive pre-auth are unresolved.

SYSTEMS Epic EHR Symplast

03 DECISION

Assess Surgery Complexity Requirements

AI analyzes procedure complexity, estimated duration, and required equipment to determine appropriate operating room and staffing needs. Routes to standard or specialized resource allocation path.

CONTROL POINT

The operating surgeon confirms or overrides the AI complexity score and estimated case length before any block is held.

SYSTEMS ModMed Plastic Surgery NextTech EMR

04 ACTION

Check Surgeon and OR Availability

System cross-references surgeon schedules with operating room availability and required specialized equipment. Identifies optimal time slots matching patient preferences.

CONTROL POINT

The OR charge nurse approves release of any block held for another surgeon and resolves competing holds on the same room.

SYSTEMS Epic EHR Cerner PowerChart

COMPLETION AND MEASUREMENT

Closing stages and results

The final stages produce the pre-op packet and the confirmed booking record that every party works from on the day of surgery.

05 ACTION

Allocate Surgical Team Resources

Automatically assigns anesthesiologist, nursing staff, and specialized equipment based on procedure requirements. Blocks necessary pre-op and recovery room time.

CONTROL POINT

The anesthesia lead confirms provider assignment and ASA-appropriate coverage, and can require a different room or longer recovery hold.

SYSTEMS Cerner PowerChart ModMed Plastic Surgery

06 ACTION

Generate Pre-Operative Instructions

Creates customized pre-operative care instructions and automatically schedules required pre-surgery appointments. Sends patient reminders and preparation guidelines.

CONTROL POINT

The pre-op nurse reviews the generated instruction packet against the patient's medication list and anticoagulant hold requirements before it sends.

SYSTEMS Symplast NextTech EMR

07 OUTPUT

Confirm Complete Surgical Schedule

Sends comprehensive scheduling confirmation to patient, surgeon, and surgical team with all appointment details, instructions, and resource allocations.

CONTROL POINT

The surgical scheduler locks the booking in Epic and is the only role permitted to move or cancel a confirmed case.

SYSTEMS Epic EHR Symplast

DELIVERABLES

- Confirmed surgery date and time
- OR and team allocation plan
- Pre-operative instruction packet
- Booked pre-surgery appointment series

KEY METRICS

- Surgery cancellation rate
- OR utilization percentage
- Average scheduling completion time
- Same-day case delay minutes

IMPLEMENTATION CHECKS

- Block calendar write permissions by surgeon
- Pre-auth status field mapping
- Clearance expiry date monitoring
- Audit trail on schedule overrides
- Patient messaging consent flags

NEXT STEP

Turn this blueprint into an implementation plan.

Map each stage to your own systems, permissions, and approval routing before selecting tools or building automation.

packfoundry.app/assessment

COSMETIC SURGERY WORKFLOW PACKS AND A FREE ASSESSMENT