

# CCHMC Pediatric Surgery

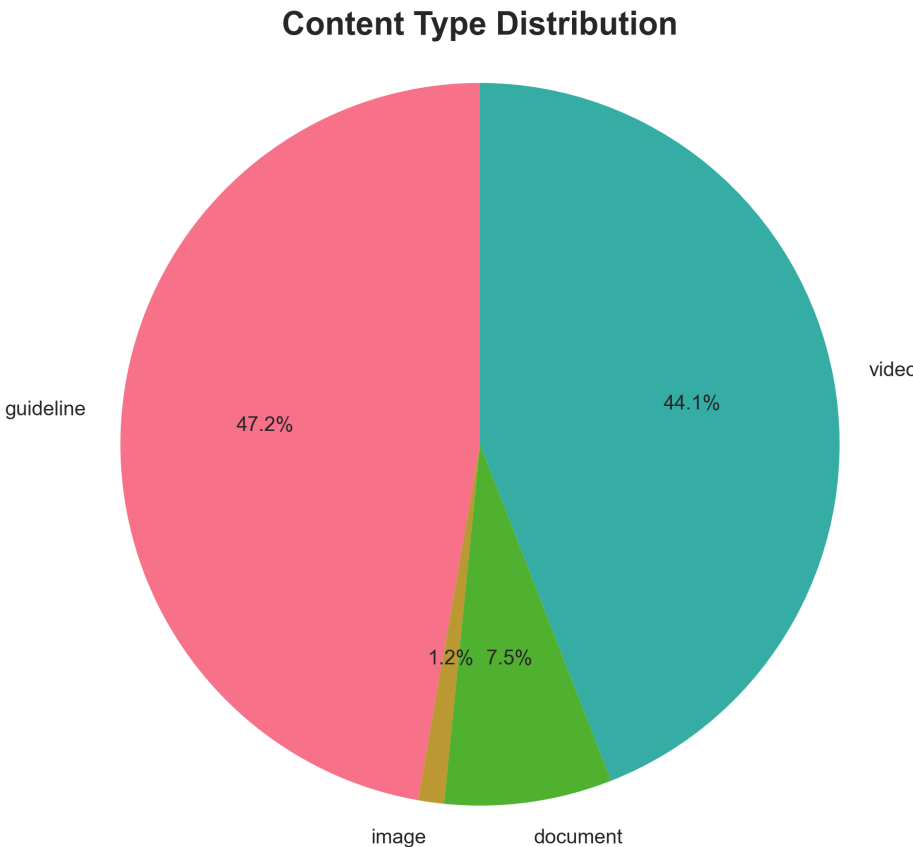
## Comprehensive Content Analysis Report

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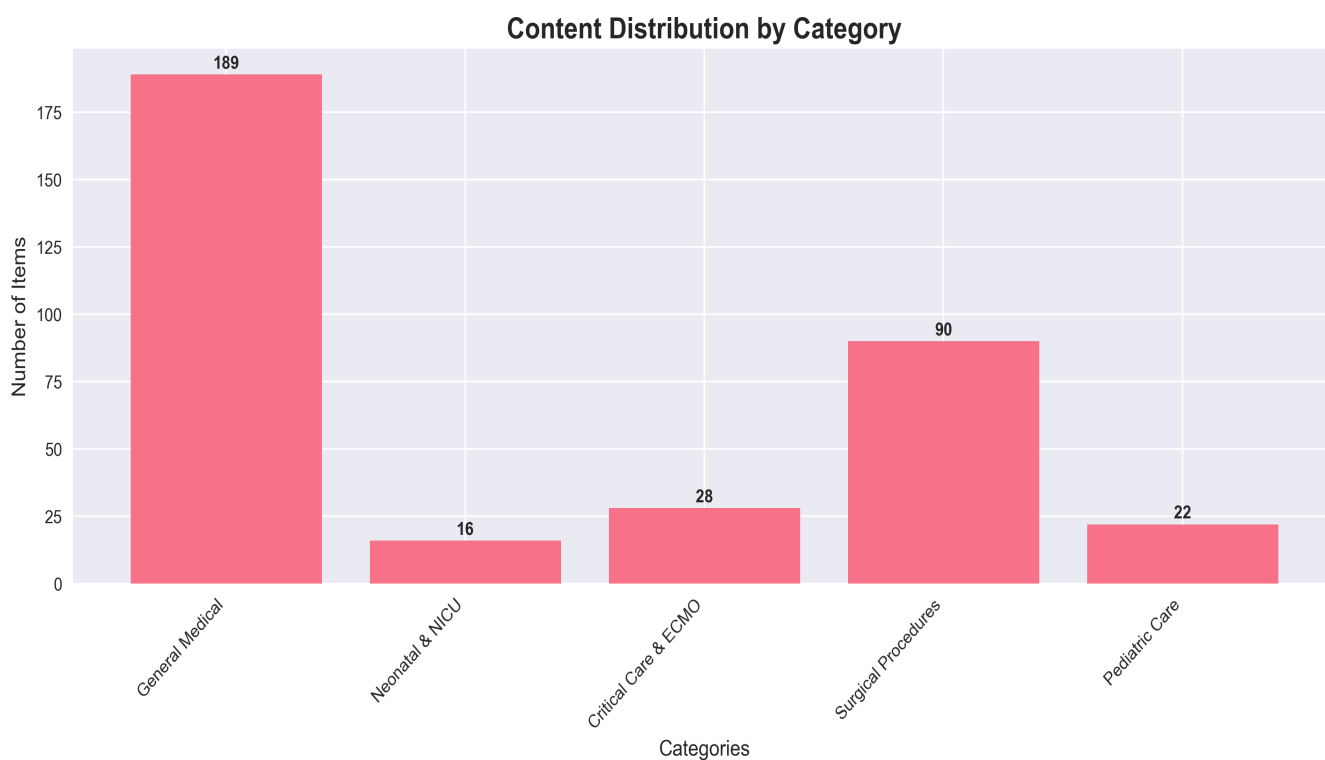
### Executive Summary

This comprehensive analysis examines all 345 content items in the CCHMC Pediatric Surgery space. The analysis reveals a well-structured medical content repository with clear specialization areas: General Medical (55%), Surgical Procedures (26%), Critical Care & ECMO (8%), Neonatal & NICU (5%), and Pediatric Care (6%). The content spans clinical guidelines, training videos, reference documents, and visual resources, providing comprehensive coverage of pediatric surgical care.

### Content Type Distribution



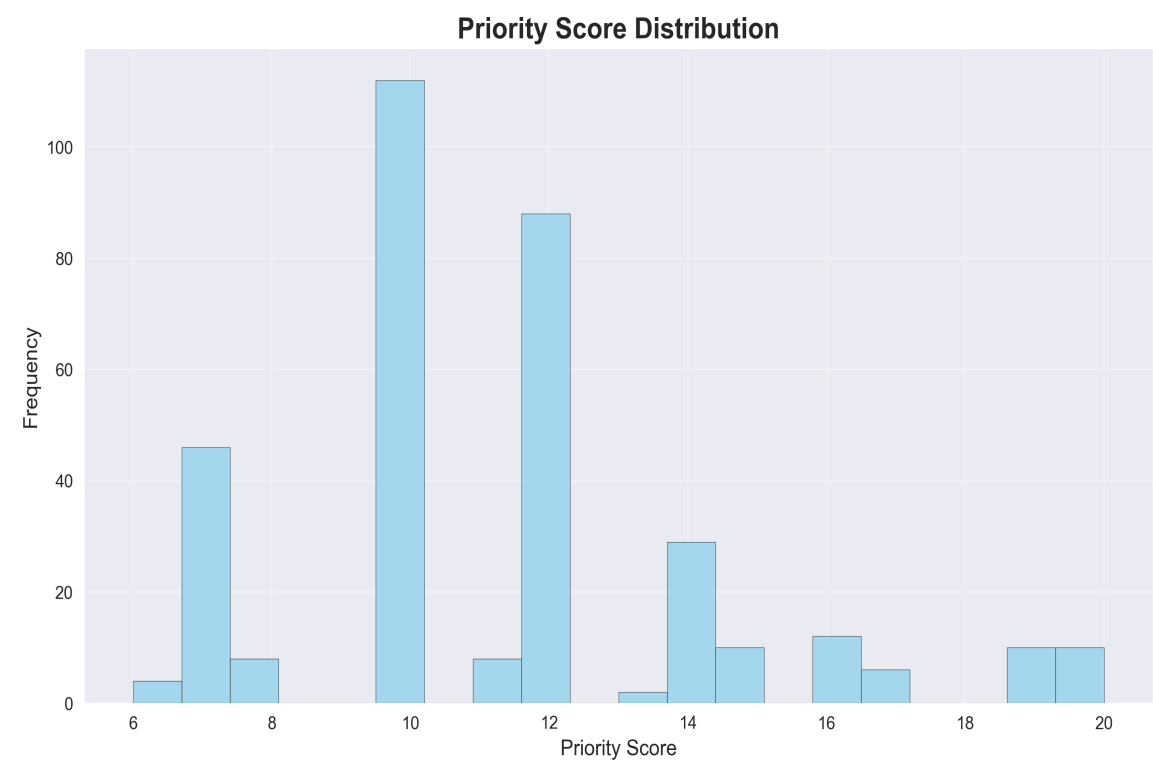
## Content Distribution by Category



## Space Card Structure

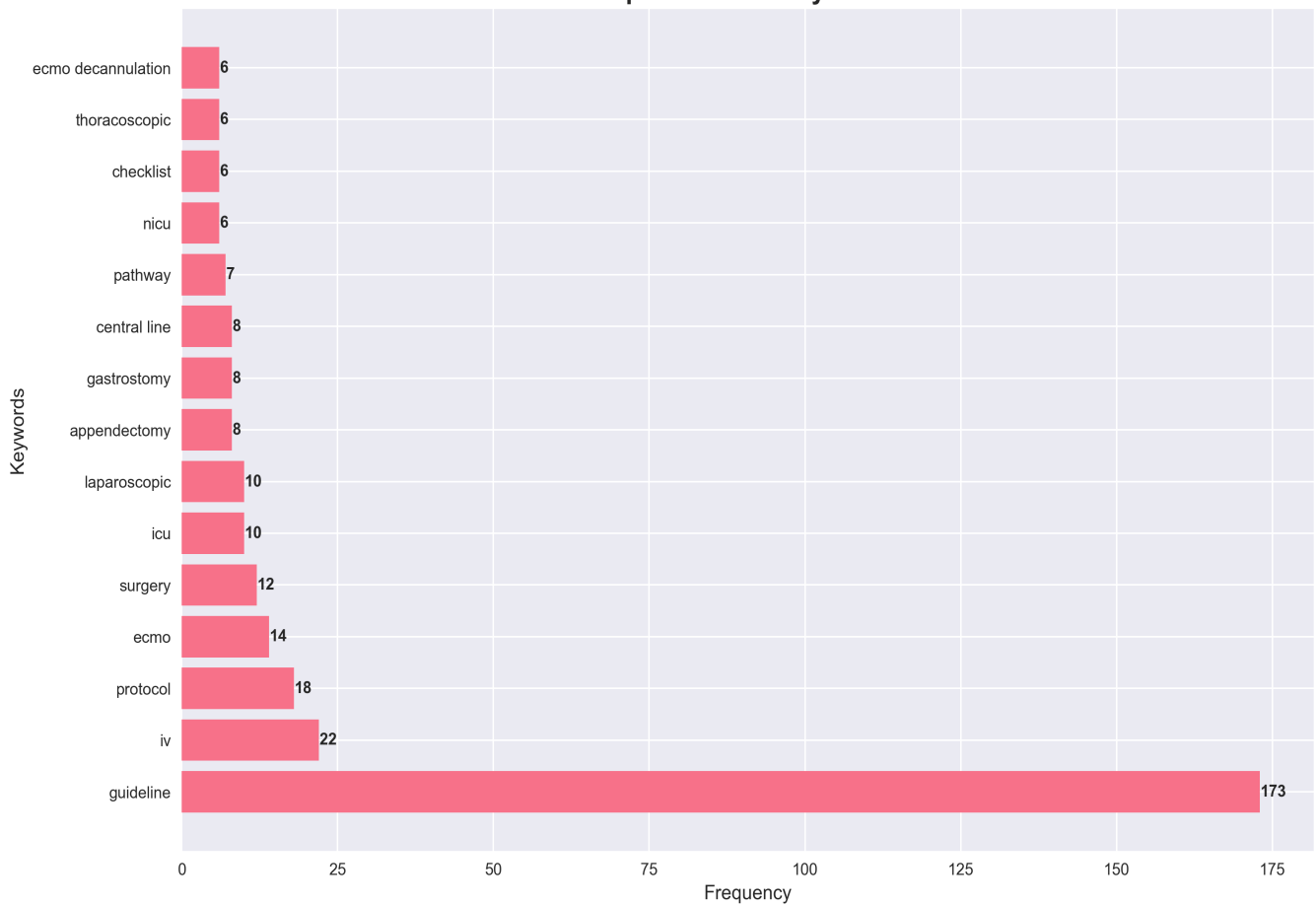
Space Card	Items	Collections	Description
General Medical	189	4	Medical specialty focusing on general medical
Neonatal & NICU	16	2	Medical specialty focusing on neonatal & nicu
Critical Care & ECMO	28	3	Medical specialty focusing on critical care & ecmo
Surgical Procedures	90	2	Medical specialty focusing on surgical procedures
Pediatric Care	22	3	Medical specialty focusing on pediatric care

# Priority Score Distribution



# Top Medical Keywords

### Top 15 Medical Keywords



### Top Priority Content Items

Title	Type	Category	Priority Score	Keywords
CDH ECMO Protocol 073124	guideline	Critical Care & ECMO	20	protocol, guideline, ecmo
CDH ECMO Protocol 4	guideline	Critical Care & ECMO	20	protocol, guideline, ecmo
Colorectal Surgery Ssi Protocol Checklist	guideline	Surgical Procedures	20	protocol, checklist, surgery
Colorectal Surgery Ssi Protocol	guideline	Surgical Procedures	20	protocol, surgery, guideline
Eras Pediatric Oncology Protocol	guideline	Pediatric Care	20	protocol, oncology, guideline
Colorectal Surgery Ssi Protocol Checklist	guideline	Surgical Procedures	20	protocol, checklist, surgery
Colorectal Surgery Ssi Protocol	guideline	Surgical Procedures	20	protocol, surgery, guideline
Eras Pediatric Oncology Protocol	guideline	Pediatric Care	20	protocol, oncology, guideline
Gas and Flow Initiation ECMO Protocol	guideline	Critical Care & ECMO	20	protocol, ecmo, guideline
CDH ECMO Protocol 073124	guideline	Critical Care & ECMO	20	protocol, guideline, ecmo
Dosing Guide 122021	guideline	Neonatal & NICU	19	nicu, guideline, icu
Drip Chart 122021	guideline	Neonatal & NICU	19	nicu, guideline, icu
Management of CDH Patients	guideline	Critical Care & ECMO	19	guideline, ecmo, cdh
Checklists for ECMO Clamping Trial	guideline	Critical Care & ECMO	19	checklist, ecmo, guideline
Management of CDH Patients	guideline	Critical Care & ECMO	19	guideline, ecmo, cdh

Checklists for ECMO Clamping Trial	guideline	Critical Care & ECMO	19	checklist, ecmo, guideline
Pre Op Stoma Closure Guideline V5	guideline	Neonatal & NICU	19	nicu, guideline, icu
Pre Op Stoma Closure Guideline V5	guideline	Neonatal & NICU	19	nicu, guideline, icu
Dosing Guide 122021	guideline	Neonatal & NICU	19	nicu, guideline, icu
Drip Chart 122021	guideline	Neonatal & NICU	19	nicu, guideline, icu

## Collection Structure Details

Space Card	Collection	Items	Content Types
General Medical	Clinical Guidelines	20	guideline(20)
General Medical	Reference Documents	14	document(14)
General Medical	Visual Resources	4	image(4)
General Medical	Training Videos	20	video(20)
Neonatal & NICU	Clinical Guidelines	8	guideline(8)
Neonatal & NICU	Training Videos	8	video(8)
Critical Care & ECMO	Clinical Guidelines	12	guideline(12)
Critical Care & ECMO	Reference Documents	4	document(4)
Critical Care & ECMO	Training Videos	12	video(12)
Surgical Procedures	Clinical Guidelines	10	guideline(10)
Surgical Procedures	Training Videos	20	video(20)
Pediatric Care	Clinical Guidelines	4	guideline(4)
Pediatric Care	Reference Documents	8	document(8)
Pediatric Care	Training Videos	10	video(10)

## Detailed Analysis by Category

### **General Medical (189 items)**

This category contains 189 items organized into 4 collections. Focuses on general clinical guidelines, protocols, and standard procedures.

Collections:

- Clinical Guidelines: 20 items
- Reference Documents: 14 items
- Visual Resources: 4 items
- Training Videos: 20 items

### **Neonatal & NICU (16 items)**

This category contains 16 items organized into 2 collections. Addresses neonatal care, NICU protocols, and newborn procedures.

Collections:

- Clinical Guidelines: 8 items
- Training Videos: 8 items

### **Critical Care & ECMO (28 items)**

This category contains 28 items organized into 3 collections. Specializes in ECMO management, critical care protocols, and ICU procedures.

Collections:

- Clinical Guidelines: 12 items
- Reference Documents: 4 items
- Training Videos: 12 items

### ***Surgical Procedures (90 items)***

This category contains 90 items organized into 2 collections. Covers surgical procedures, operative guidelines, and surgical protocols.

Collections:

- Clinical Guidelines: 10 items
- Training Videos: 20 items

### ***Pediatric Care (22 items)***

This category contains 22 items organized into 3 collections. Focuses on pediatric-specific care, child procedures, and pediatric protocols.

Collections:

- Clinical Guidelines: 4 items
- Reference Documents: 8 items
- Training Videos: 10 items

## Implementation Recommendations

Phase 1 - Core Structure: Implement the 5 main space cards based on intelligent categorization

Phase 2 - Enhanced Features: Add advanced search with medical terminology and priority-based highlighting

Phase 3 - Advanced Analytics: Implement content usage tracking and dynamic priority adjustments

Priority Focus: Highlight ECMO protocols, sepsis algorithms, and emergency procedures for quick access

Training Emphasis: Organize surgical procedure videos by specialty for better educational value

Reference Organization: Structure handbooks and guides by medical specialty for easy reference

## Technical Specifications

Total Content Items: 345

Space Cards: 5

Total Collections: 14

Medical Keywords Identified: 28

Content Types: 4

Priority Score Range: 6 - 20

## Conclusion

This comprehensive analysis provides a data-driven foundation for optimizing the CCHMC Pediatric Surgery space structure. The intelligent categorization ensures medical accuracy while the priority scoring system enables quick access to critical content. The recommended implementation phases will create a highly organized, user-friendly environment that maximizes the educational and clinical value of all 345 content items.