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A Curriculum for Medical Students' Contribution Developed by Analyzing a University Hospital Disaster Response Manuals

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Background and Objectives

Enhancing

Knowledge and Skills

Developing

Staff shortages are common during hospital disaster response.

Three key areas were identified to support student participation in hospital disaster response.

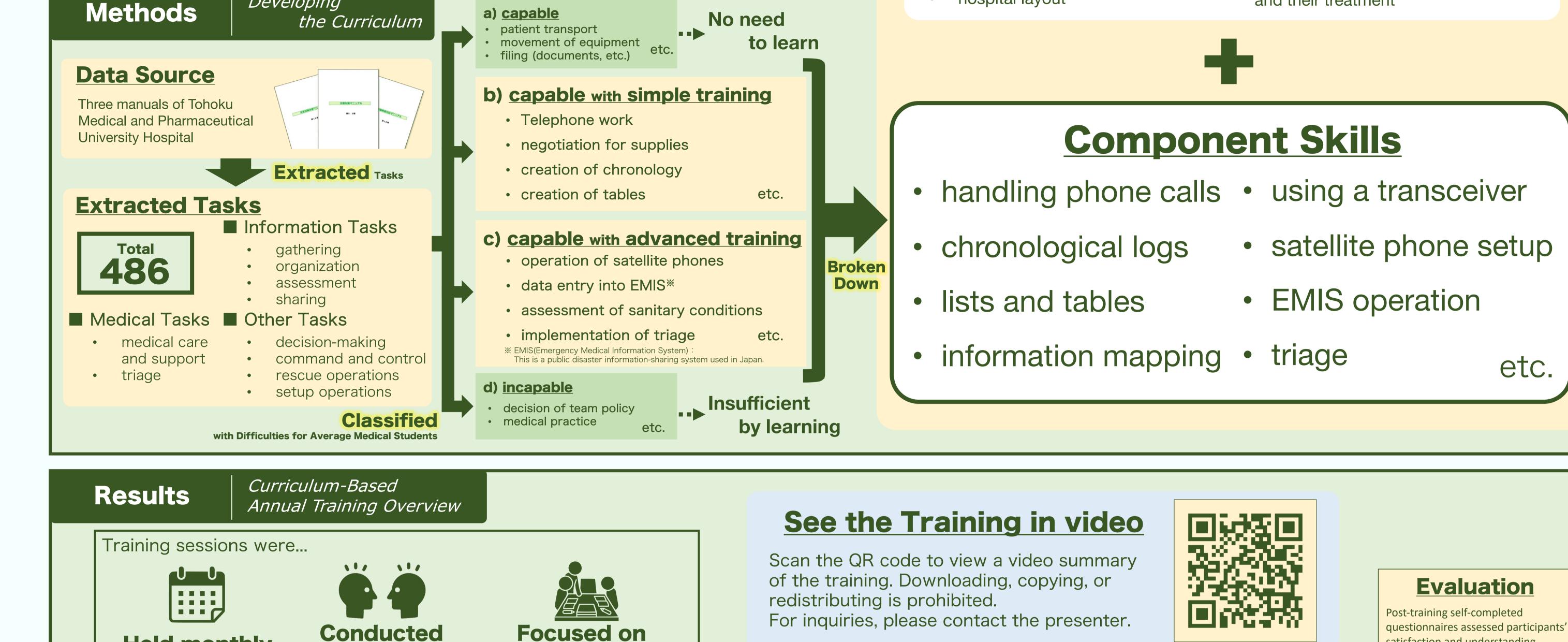
> Clarifying Building Trust Responsibilities

An evidence-based training curriculum for medical students was developed. This study implemented the curriculum and evaluated its effectiveness.

Curriculum Components

Knowledge of Disaster Medicine and the Hospital

- overview of disaster medicine
- the role of disaster base hospitals
- hospital organizational structure
- hospital layout
- role of the disaster response
 - headquarters (HQ) of the hospital
- common diseases during disasters and their treatment



DateTraining TopicPlanned ContentImplemented ContentPationApr/May,2024Team Member RecruitmentTarget : Medical students (3rd - 6th year) Participants : 17students recruited (3rd - 2, 4th: 4, 5th: 11, 6th: 0)Jun 27,2024Introduction to Disaster MedicineLearning basic disaster medicine, hospital disaster management roles, and team buildingLecture: overview of disaster medicine, the role of disaster base hospital , hospital organizational structure11Jul 16,2024Information ManagementPracticing disaster information sharing and record- keeping (EMIS operation)Workshop: team information sharing, telephone answering, EMIS exercises8Aug 2024Recruitment of Training Preparation StaffInitially prepared by the presenter, but following member suggestions, recruited 6 staff members (5th-year s Workshop: securing supplies and personnel adjuster Triage7Oct 21, 2024Securing Personnel and SuppliesLecture and scenario-based exercise on securing human and material resources during disastersLecture: resource management Workshop: securing supplies and personnel adjustment8Nov 11, 2024TriageLearning the theory and practice of triage, focusing on primary triage (START, PAT triage)Lecture: triage Workshop: START triage8	5 Satisfac- tion 5.0 4.5	standi 4.8 4.5
Apr/May,2024Team Member RecruitmentTarget : Medical students (3rd - 6th year) Participants : 17students recruited (3rd : 2, 4th: 4, 5th: 11, 6th: 0)Image: Comparison of Compar	4.5 students	4.5
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primary triage (STÅRT, PÅT triage) Vorkshop: START triage (STÅRT, PÅT triage)		4.8
	_	4.8
Dec 16, 2024Communication in disaster situationsLearning information transmission during disasters and operating transceiversLecture: communication during disaster Workshop: walkie-talkie operation55	4.8	4.8
Jan 20, 2025 HQ Operation [*] Understand the role and specific activities of a hospital's disaster response HQ and learn how to set up the headquarters. Understand the role and specific activities of a hospital, hospital layout the hospital hospital on role of the disaster response HQ and learn how to set of the disaster response HQ of the hospital hosp	4.8	4.8
Feb 17,2025Disaster TreatmentDeepening understanding of trauma management in disaster situationsLecture: Overview of common diseases during disasters and their treatment7	4.6	4.6
Average 7.5	5 4.7	4.7