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Challenges, requirements, and strategies for disaster management and health system response in the Kermanshah earthquake: A scoping review

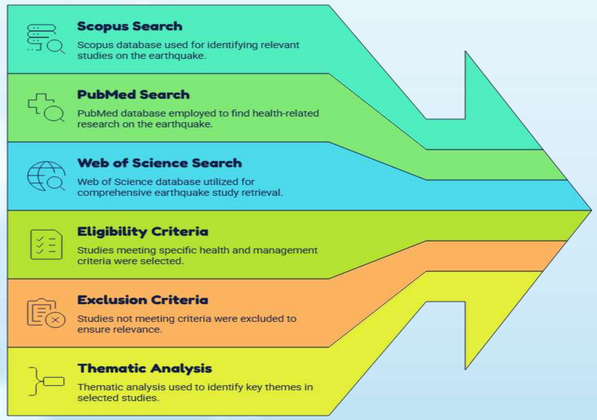
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Backgrounds

Earthquakes can pose multiple challenges to the disaster management and delivery of health services. This study aimed to identify the challenges, requirements, and strategies associated with health system management and response to the Kermanshah earthquake.

Methods



Findings

Category	Infrastructure and physical facilities	Human resources and capacity building	Coordination and resource allocation
Specific Challenges	Extensive damage to healthcare centers and water networks, issues with waste and debris management, need for field hospitals and structural reinforcement	Lack of specialized training for nurses and staff, volunteer management issues, inadequate clinical preparedness, ethical concerns	Lack of inter-organizational integration, inequitable aid distribution, weaknesses in the logistics of medication and blood supplies, absence of unified response structures

Conclusion

Strengthening disaster preparedness, enhancing inter-organizational coordination, empowering human resources, and implementing integrated resource management strategies may contribute to improving health system response to disasters and enhancing the efficiency of resource utilization.

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