

Disease Control Priorities Third Edition Volume Essential Surgery: Comprehensive Guidance for Global Surgical Care

Disease Control Priorities, Third Edition, Volume 6: Essential Surgery encapsulates a comprehensive and authoritative guide to surgical care in low- and middle-income countries (LMICs). This landmark publication provides evidence-based recommendations for essential surgical interventions that address the most prevalent and debilitating surgical conditions affecting populations in these regions.

Global Burden of Surgical Disease

Globally, surgical conditions account for approximately 11% of the total burden of disease, with the majority of cases occurring in LMICs. Without access to timely and appropriate surgical care, millions of individuals suffer from preventable complications, disability, and death.



Disease Control Priorities, Third Edition (Volume 1): Essential Surgery by Jerry Boyd

★★★★★ 5 out of 5

Language : English
File size : 29868 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Print length : 442 pages



Key Findings of Essential Surgery

The key findings of Disease Control Priorities, Third Edition, Volume 6: Essential Surgery include:

- **Essential surgical interventions:** The volume identifies 27 essential surgical interventions that address the most common and debilitating surgical conditions in LMICs.
- **Prioritization of interventions:** A prioritization framework is provided to guide countries in selecting the most cost-effective and impactful surgical interventions based on their specific context.
- **Cost-effectiveness analysis:** Extensive cost-effectiveness analyses are presented to inform policy decisions and resource allocation.
- **Health systems strengthening:** The volume emphasizes the need to strengthen health systems to ensure that surgical services are accessible, affordable, and equitable.

Essential Surgical Interventions

The 27 essential surgical interventions identified in Disease Control Priorities, Third Edition, Volume 6: Essential Surgery encompass a wide range of procedures, including:

- Emergency obstetric care
- Cesarean section
- Fracture repair
- Hernia repair
- Appendicitis

- Cholecystectomy
- Gastrectomy
- Colorectal surgery
- Tracheostomy
- Breast cancer surgery

Prioritization Framework

The prioritization framework proposed in Essential Surgery guides countries in selecting the most cost-effective and impactful surgical interventions based on:

- **Burden of disease:** The number of cases and the related mortality and disability.
- **Cost-effectiveness:** The cost per disability-adjusted life year (DALY) averted.
- **Feasibility:** The availability of resources, infrastructure, and trained personnel.
- **Equity:** The potential impact on marginalized and vulnerable populations.

Health Systems Strengthening

Essential Surgery recognizes that strengthening health systems is crucial to delivering effective surgical care. The volume provides recommendations for:

- Developing surgical workforce

- Improving infrastructure and equipment
- Ensuring access to essential medicines and supplies
- Establishing effective referral systems
- Promoting community engagement

Disease Control Priorities, Third Edition, Volume 6: Essential Surgery is an invaluable resource for policymakers, health professionals, and researchers working to improve surgical care in LMICs. The comprehensive evidence-based recommendations provide a roadmap for countries to prioritize, implement, and scale up essential surgical interventions, ultimately reducing the burden of surgical disease and improving the health and well-being of populations worldwide.



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