#### **SUBJECT INDEX**

#### E-HEALTH — THE PANACEA FOR ASIAN HEALTHCARE

Introduction to PANACeA, **43**; Problem and Objectives, **45**; Methodology, **47**; Selection of Research Projects, **48**; Evaluation, **49**; Conclusion, **49**.

### EXISTING EVIDENCE TO TELE-HEALTH AND ITS SCOPE IN DEVELOPING COUNTRIES

Introduction, **73**; Studies & Critical Reviews on the Impact of Telemedicine, **73**; Analysis on Earlier Studies, **75**; Telehealth Projects in Pakistan, **76**; Recommendations, **76**; Conclusion, **77**; Reference, **77**.

# MAKING E-HEALTH BORDERLESS: EXPERIENCE OF TELE-RADIOLOGY LINK BETWEEN AGA KHAN UNIVERSITY, KARACHI, AND FRENCH MEDICAL INSTITUTE FOR CHILDREN, KABUL, AFGHANISTAN

Background, **97**; Introduction, **98**; Objectives: *Technology at the Remote End (FMIC), Technology at the Hub (AKUH, Karachi), Technology Used to Transfer Information Between FMIC and AKUH*, **100**; Conclusion, **100**.

#### NATIONAL E-HEALTH POLICY: OPTIONS AND ISSUES

Introduction, **24**; Background, **25**; Components and Applications of e-Health, **26**; Policy Synthesis Mechanics: *Policy Related Issues; Organizational & Human-Capacities Issues; Financial Issues; Technical Issues*, **30**; National e-Health Development Plan: W.H.O. Perspective, **31**; Conclusions & Recommendations, **32**; References, **33**.

### POTENTIALS FOR THE FUTURE OF TELE-HEALTH AND EXPERIENCES IN BALTISTAN

Introduction, **79**; Procedure and Experience, 80; Experiences and Suggestions for the Future, **81**; Extension to Neglected Areas and Low-Cost Techniques, **82**; Conclusion and Further Work, **82**.

## PROPOSING A COMMUNITY-BASED HEALTH FINANCING (INSURANCE) MODEL INTEGRATED WITH E-HEALTH/TELE-HEALTH

Background and Introduction, **51**; Important Health-Sector Issues & Challenges in Pakistan: *Non-Functional Rural Health-Facilities, Financing Healthcare*, **54**; The Solution, **57**; Alternate Healthcare-Financing: *Sources of Healthcare-Financing, Community-Based Health-Financing/Insurance*, **59**;

Telehealth: *Telehealth in Pakistan*, **62**; The Proposed Model for Integrated with health-Information Technologies (HIT): *Advantages of the Model*, *Components of Proposed Model*, *Mechanism, Design, Advantage of CBHF Integrated with Telehealth, Innovation, Viability*, **69**; The Way Forward, **70**; Conclusions, **70**; Reference, **71**; Bibliography, **71**; Websites Reviewed, **72**.

## PROSPECTS FOR IMPROVING HEALTH IN PAKISTAN, USING E-HEALTH: LESSONS LEARNED AND A PROPOSAL

Introduction and Some Lessons Learnt, **35**; A Proposal, **37**; Proposal to Evaluate the Use of Mobile Phones for Lady Health-Workers, **38**; Background and Justification, **38**; Focused Objectives of the Proposal, **39**; Study Design, **39**; Implementation, **39**; Conclusions, **40**; References, **40**; Bibliography, **40**.

## ROLE OF SATELLITE COMMUNICATIONS IN TELEMEDICINE DURING THE BAGH EARTHQUAKE IN PAKISTAN

Introduction, 101; Material & Methods, 103; Results, 103; Discussion, 105; Conclusions, 106; References, 106.

#### SUSTAINABILITY IN HEALTH AS A POLICY-ISSUE IN PAKISTAN

Health, Sustainability, Sustainable Development: Concept/Relevance; Linkages with Other Sector; Instances of Failure and Need for Synthesis, 4; Pakistan's Health-System and Policies: Pakistan's Health Indicators; Expenditure on Health; Pakistan Health-Policies, 7; Issues of Sustainability in Health: Affordability for health and Healthcare; Issue of Good Governance; Issues of Distribution; Inefficiency, 18; Proposed Sustainable Solution: Improved Coverage, Efficiency and Utilization; Development Synergies, 19; Conclusions, 20; Reference, 20.

#### TELEHEALTH: A SUCCESSFUL EXPERIENCE IN THE NORTHERN AREAS OF PAKISTAN

Telehealth - The New Healthcare Reality, **85**; COMSATS' Journey in Telehealth, November 2001: Starting of First Telehealth Project Between Gujar Khan and Islamabad, **87**; Background of the Skardu Telehealth Project: Objectives of the Skardu Telehealth Projects, **89**; Initiation of the Skardu Telehealth Project: initial Targets for the Skardu Telehealth Project, Challenges Successfully Overcome, Needs Assessment and Feasibility, Launch of Telehealth Center, Operation Telehealth Centers, Connectivity, Human Resources, Patient-Information Software, **94**; Recommendations, **94**; Conclusions, **95**.