

# DR. SHALMALI RADHA KARNAD

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Dr. Radha S. Karnad, BA BM MPH, is a dynamic and motivated leader in health service delivery in Kenya. Dr Karnad works to be a force for positive change, and believes in challenging the status quo in the way health care is delivered to ensure health truly is a right, and not a privilege. Her professional record spans service delivery in hospital and community settings; development and implementation of global health and health tech initiatives; and quality health program management; and most recently digital health, technology, and health innovation in Kenya. She has supported health systems programs in Kenya in leadership, advisory and consulting capacities that utilize her strategy, business and clinical operations, analysis and writing skills. As a registered Public Health specialist, Dr Karnad has lived and worked in Kenya since 2013 and has strong relationships with stakeholders and opinion-shapers in health and allied sectors across East Africa, and within the Ministry of Health. She was an Acumen East Africa Regional Fellow 2016 and an Afya Bora Global Health Leadership Fellow 2016-2017.

## PROFESSIONAL EXPERIENCE

### **HealthX Africa**

*Chief Medical Officer*

**July 2021- Current**

- Senior leader and member of founding team of HealthX Africa, a primary health care technology and telemedicine service, making high quality, accessible, affordable, and safe digital healthcare available.
- Responsible for organizational strategy and implementation planning for scale, including program management and execution oversight for clinical initiatives and special programs to ensure clinical and business objectives are met within scope, budget and time.
- Established and leads a growing clinical team of Medical Doctors, Clinical Psychologists, Clinical Nutritionists, and Care Coordinators.
- Oversees compliance with national regulation and policy for medical services, telemedicine, and data governance; clinical quality and standardization; and data reporting and performance monitoring.
- Relationship manager with Government/ Ministry of Health, donors, investors, and regional technical bodies, including current active team member developing the Ministry of Health Telemedicine Standards and Guidelines in 2022.

### **Jhpiego Corporation, Global Solutions and Innovations**

*Senior Technical Advisor, Primary Health Care (PHC) Systems*

**March 2020 – June 2021**

- Established PHC as a technical area at Jhpiego, with a focus on digital health, telemedicine, and innovation. Led strategic direction, technical and methodological soundness, and quality of PHC programming Kenya, Tanzania, India, and Guatemala. Oversight of PHC strategic direction, implementation pathway and prioritization, country-level implementation, data review and analysis, and knowledge sharing with internal and external stakeholders.
- Represented Jhpiego at key PHC/ Universal Health Coverage stakeholder fora, including engagement with donors, regional bodies, strategic partners, and Ministries of Health.
- Jhpiego Kenya Senior Leadership Team member.
- PMDPro Certified (2020). Jhpiego Global Management Training Program graduate (2021).

### **Jhpiego, Kenya**

*Regional Program Advisor, East and Southern Africa*

**August 2016 – February 2020**

- Technical and programmatic advisor for strategy development and operationalization in the region.
- Organized project planning (conceptualization, design, implementation) and documentation/ publication of Jhpiego East and Southern Africa health portfolio in adolescent sexual and reproductive health, maternal, newborn and child health, primary health care, family planning, HIV/AIDS, and safe surgery portfolio spanning projects from \$20,000-\$65 m.
- New Program Development advisor, designer, and lead writer for Jhpiego proposals in Kenya, Ethiopia, Uganda, Rwanda, Zimbabwe, and Mozambique.
- Lead of Jhpiego Kenya health strategic plan (2018-2020), including implementation.

**AAR Healthcare, Kenya****March 2016 – July 2017***Quality Improvement Consultant**External Consultant to Quality Committee, AAR Board of Directors*

- Led Quality improvement/ assurance review for AAR clinics and hospitals in East Africa.
- Point of contact between Board of Directors and Quality Managers across the three countries.
- Managed Quality Managers across Kenya, Tanzania, and Uganda.
- Instituted quality improvement/ quality assurance and Environmental and Social Safety strategy and structures for entire AAR Healthcare outpatient network of thirty-seven facilities across Kenya, Tanzania, and Uganda, including quality manual, annual QI plan, organizational quality organogram, templates and schedules for reporting, and environmental safety and social management plan.

**Jacaranda Health, Kenya****June 2013 – January 2016***Clinical Programs Manager*

- Designed and implemented clinical quality of care strategy and programs in reproductive, maternal, newborn and child health. Led identification of growth opportunities and best practices in quality of care, program conception, implementation, and evaluation.
  - Coordinated county-wide provider training in cervical cancer see-and-treat techniques with CureCervicalCancer.org. Secured investment for training and equipment, coordinated logistics to screen 700+ patients over five-day health camp.
  - Led facility preparation for evaluation by SafeCare, resulting in Jacaranda Health achieving the highest quality of care score awarded by SafeCare in Kenya in 2014.
  - Managed team of thirty-five doctors, nurse/ midwives, laboratory, and pharmacy technologists for clinical quality.
- Clinical Quality Lead in Quality Improvement for Healthcare public-private partnership, assisting in training healthcare staff in lean/ six sigma methodologies and oversight of QI projects.

**National Health Service (NHS), Stoke Mandeville Hospital, U.K.****August 2010 – August 2011***Specialist Trainee in Obstetrics and Gynaecology.***North Hampshire Hospital Trust, U.K.****January 2008 – July 2010***Foundation Trainee***AIDS Institute, New York State Department of Health, USA****May 2003 – September 2003***Research and Writing Intern*

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**EDUCATION****London School of Hygiene and Tropical Medicine, UK****2011 - 2013**

Master of Science (MSc) in Public Health; Health Services Management

**University of Southampton School of Medicine, UK****2003 - 2007**

Bachelor of Medicine (Honours)

Distinction in Intermediate &amp; Final examinations

**University of Nairobi, Kenya****2002 - 2002**

Study abroad program at the Department of Social Studies

**Bryn Mawr College, Pennsylvania, USA****1999 - 2003**

Bachelor of Arts (Magna Cum Laude Honours) Anthropology (Distinction) and Biology (First)

Awards: Alumnae Regional Scholarship (2002)

Center for Ethnicities, Communities, and Social Policy Grant (2001)

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**PROFESSIONAL DEVELOPMENT****MEMBERSHIP AT PROFESSIONAL SOCIETIES**

International Society for Quality in Healthcare (ISQUA)

Kenya Medical Practitioners and Dental Board

Kenya Obstetrical and Gynaecological Society

Kenya Medical Association

UK General Medical Council

## LEADERSHIP AND ADVISORY POSITIONS

### **CureCervicalCancer.org Kenya**

*Board Member (pending final registration of the local NGO)*

**June 2022 - current**

### **AfroPHC**

*Elected Executive Board Member*

**July 2021 - May 2022**

### **Afya Bora Consortium**

*Global Health Leadership Postdoctoral Fellow, University of Washington*

**July 2016 – June 2020**

### **ACUMEN Fund**

*East Africa Regional Fellow*

**January 2016 – November 2016**

### **YALI Regional Leadership Center**

*Mentor*

**November 2015 – August 2017**

### **Noora Health**

*Medical Specialist Advisor*

**August 2015 – August 2017**

## PUBLICATIONS

Grenier L, Suhowsky S, Kabue MM, Noguchi LM, Mohan D, **Karnad SR**, Onguti B, Omanga E, Gichangi A, Wambua J, Waka C, Oyetunji J, Smith JM. Impact of group antenatal care (G-ANC) versus individual antenatal care (ANC) on quality of care, ANC attendance and facility-based delivery: A pragmatic cluster-randomized controlled trial in Kenya and Nigeria. *PLoS One*. 2019

Mutisya R., Wambua J., **Karnad S.R**, Kamau M., Nyachae P., and Kabue M. Strengthening integration of family planning with HIV/AIDS and other services: Experience from three Kenyan cities. *BioMed Central Reproductive Health Special Supplement on HIV/ SRH integration*. 2019

R. John, Preeti & Althumairi, Azah & N. Monnappa, Muddamma & Shahrivar, Mehrnoosh & **R. Karnad, Shalmali** & Viswanathan, Saraswati & Miyata, Shin & Lu-Myers, Yemeng. National Labor Laws Regarding Maternity Leave for Surgeons: Do They Exist? Findings from 13 Countries, 4 Continents. *Journal of the American College of Surgeons*. 2016.

Annamraju H, **Karnad S.R**, Benson C, and Miller V (2014). Management and outcome of patients with Pre-labour Spontaneous rupture of membranes. *Archives of Disease in Childhood - Fetal and Neonatal Edition*. 2014. 99:A122 PLD 52

**S.R Karnad** & B. Agins (2014). Approaching Mental Health Screening: A Quick Reference Guide for HIV Primary Care Practitioners *AIDS Institute, New York State Department of Health*

## ACADEMIC PRESENTATIONS

### **USAID Global Health Science and Practice Technical Exchange (GHTechX) Conference April 2021**

- Panel creator and moderator: Reimagining Primary Health Care: opportunities and innovations for health system strengthening today and, in the future,

### **Royal College of Obstetrics and Gynaecology World Congress 2017, South Africa March 2017**

- Peer Education reloaded: a reimagined model that empowers university students to be effective agents of sexual and reproductive health change in Kenya, e-poster
- Engage, Believe, Achieve! A case study on increasing youth contraceptive uptake through creative design partnership with university students in Kenya, e-poster

### **Kenyatta National Hospital 3<sup>rd</sup> International Scientific Conference, Nairobi, Kenya**

**June 2015**

- Lean/Six Sigma: Using QI Methodology to Enhance Patient Flow, Oral Presentation
- Clinical Governance: A Systems Approach to Enhancing Quality of Care, Poster Presentation

### **IPNET-KENYA/ICAN Joint Conference on IPC In Healthcare, Mombasa, Kenya**

**November 2013**

- Preventing Maternal and Neonatal Infection in the Home: An Innovative Community-Based Approach, Oral and Poster presentations

### **European Society of Gynaecological Endoscopy, London, United Kingdom**

**September 2011**

- Outpatient Hysteroscopy: The use of OPH in the assessment of asymptomatic postmenopausal women with thickened endometrium on ultrasound scan, Poster presentation