

Improving management of childhood illness through social franchising. Quantitative analysis of Secondary data, Tunza Franchise.

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Background information: Despite much national effort, advances in research, and updated clinical integrated management of childhood illness guidelines, most childhood illness have continually remained among the top ten causes of mortality and morbidity in Kenya among infants and children below five years. There is a general agreement that quality care contributes greatly towards reduction in mortality and morbidity. **Methodology:** Population services Kenya through the Tunza franchise trained a total of 321 private providers on integrated management of childhood illness. The facilities were followed up by quality assurance officers to ensure they are providing quality health care as per the guidelines through supportive supervision. This was enhanced through a mobile based application referred as Health network quality improvement system. This paper outlines the milestones achieved in 2017 within the Tunza social franchise in quality management of childhood illness with analysis of secondary data in DHIS2. **Results:** During this period a total of 118,289 under 5 clients were treated within the Tunza franchise with childhood illnesses. 20948 of the cases (16%) was due to Diarrhea, 33,977 (29%) malaria, 27065(23%) pneumonia and the rest other complications. Out of the 20948 diarrhea clients, 18744(89%) were treated with the ORT kit with the rest been treated with either ORS only or with antibiotics. 100% of the Malaria cases were treated with ACT while 100% of pneumonia were treated with antibiotics though the type could not be identified. On analysis of the quality assessments assessing compliance to the IMCI guidelines, 250(78%) service providers scored above 80% with 60 scoring between 51-79% while the rest (3%) scored below 50%. **Conclusion:** Social franchising is key innovation in provision of quality health services and a good platform to ensure private providers follow the guidelines in management of childhood illnesses. Adoption of user friendly mobile applications when embraced can enhance quality service provision and data use for decision making.