Introduction
• Home healthcare (HHC) is one of the most cost-effective ways to lower the hospital occupancy rate.
• HHC is a comprehensive, regulated program operated by a multidisciplinary team of healthcare professionals in the patient’s home.
• In March 2009, the Minister of Health, Dr. Abdullah Bin Abdul Aziz Al-Rabia, launched a General Administration of Home Medical Program (HMP).
• Six years after the establishment of the first HMP Center, it was unclear if the program was achieving its aims.

Objectives
• Describe demographic characteristics, diagnoses, and services utilized by patients enrolled for home respiratory therapy (HRT) through the HMP Center.
• Assess outcome measures for Madinah HMP Center.
• Compare patient costs and benefits of HMP and hospital care for respiratory services.

Methods
• Retrospective design and descriptive analyses.
• Evaluated HRT delivered through the Madinah HMP Center.
• Analyzed the characteristics of patients enrolled (N = 83), including clinical care received and outcomes.
• Assessed 30-patient subset for cost.

Results

Population
• 83 patient-records evaluated.
• 72% were > 60 years of age.
• Most were female (80%) and of Saudi nationality (90%).
• 56% percent were not married.

Clinical diagnosis
• Asthma 34%.
• Chronic Obstructive Pulmonary Disease 11%.
• Respiratory failure 10%.
• Lung fibrosis 8%.

Results (continued)

Outcomes
• 90% of patients and caregivers expressed high or very high level of satisfaction with HRT services provided through HMP Center.

Discussion
• This study assessed respiratory therapy delivered through the Madinah HMP Center and revealed many positive findings.
• It provided clinical and financial evidence supporting the provision of HMP respiratory services, leading to cost savings.

Conclusion
HRT administered through the Madinah HMP Center improved clinical outcomes and increased patient satisfaction while reducing hospital utilization and associated costs.

Recommendation
While this evaluation was descriptive, prospective studies seem well-justified.

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