

PHC

432 Team

8

Home Medical Care



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Objectives

Home Medical Care (HMC): Current situation & future direction

1. Why HMC is needed?
2. Definition of HMC
3. Goals & Objectives
4. Procedures & treatments
5. Types of Staff providing care
6. Statistics in 2014
7. How to measure outcomes of HHC ?
8. New steps in HMC
9. Next Steps



WHY HHC IS NEEDED?



Demographical Changes

- More Elderly Population (elderly= 65 y/o and above)
- Diseases that occur more often in elderly patients increase concomitantly as the population ages (7% of Saudi population)
- Growing elderly population: aged over 65 projected to increase to 12% in 2030 according to WHO

Need More Home Health care

Epidemiological Changes:

- Less Acute/Infectious Diseases
- More Chronic Diseases
- Medical advances allow better management of chronic and incurable diseases.
- 30% of Disabled Need HHC

Need More Home Health care

In Saudi Arabia:

Diabetic or pre-diabetic 50%, HTN 33% and Dyslipidemia 30%

Cost Effectiveness:

- Growing Demand for Higher Quality Life
- More widespread availability of high-technology services has resulted in increased hospital cost
- Earlier discharge of hospitalized patients, reducing the length of hospital stays & Need to free occupied beds

Need More Home Health care!

Patients Choose to Receive Care in Home

Especially when they get elder or terminally ill they prefer to stay at home

Need More Home Health care!



WHAT DO WE MEAN BY “HOME HEALTH CARE”?



- ✓ Component of a **continuum comprehensive** health care whereby health services are provided to individuals & families in their **places of residence** for the purpose of **promoting, maintaining or restoring health**, or maximizing the level of **independence**, while **minimizing** the effects of **disability and illness**. (Not only to cure the disease, but to make patient's life better)
- ✓ Any Therapeutic, Diagnostic or Social support service provided in at an individual's Home
Social service is an important corner in HMC



Home Health Care Lead To Improve Medical Care

Clinical out come majors:

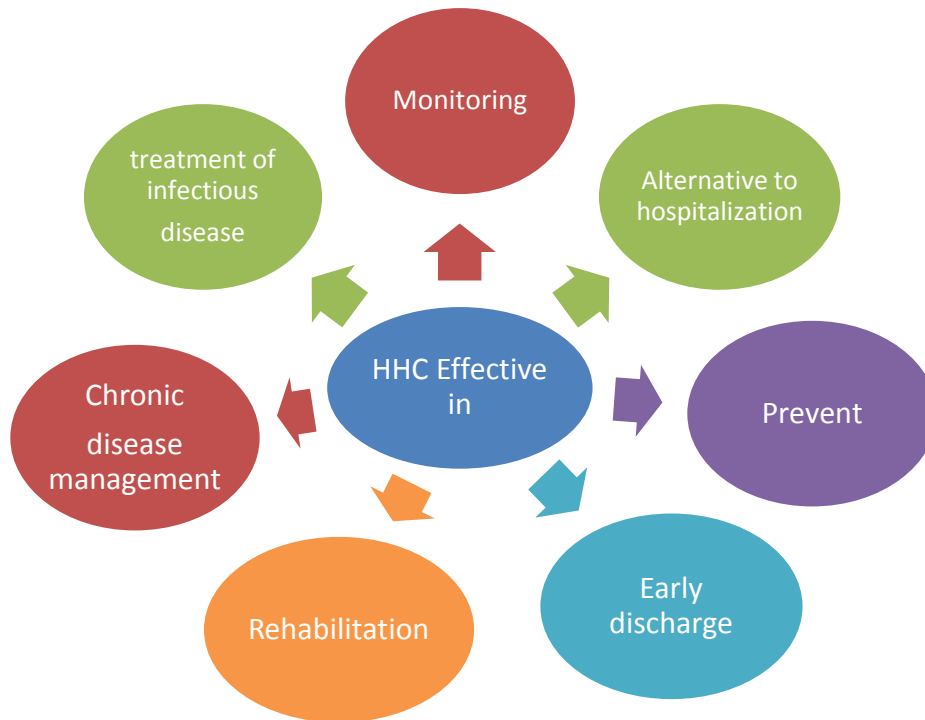
- Studies suggest that home visits can lead to improved medical care through the **discovery of unmet health care needs**.
- One study found that home assessment of elderly patients with relatively good health status and function resulted in the **detection of an average of four new medical problems and up to eight new intervention recommendations per patient**.
- Study showed that use of the specialist home care nurses lead to **65% reduction in hospitalization of patients**.

Cost Effectiveness:

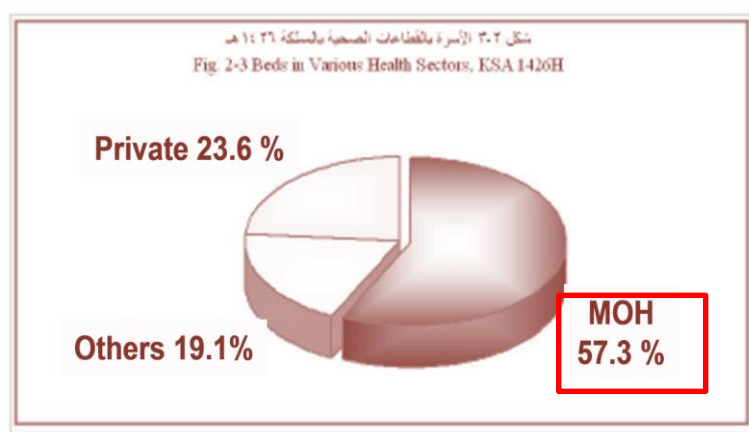
- An Economic Evaluation of Home Care Results From RCT showed that Using home care to **reduce hospital stays improved the health outcomes without**

significantly increasing social costs.

- European study showed that HHC lead to **38% decrease in cost**
- Dr. Al-Dahi study in 2007 showed 65% ↓ in secondary care & 56% in long stay rehabilitation care cost by using HHC.

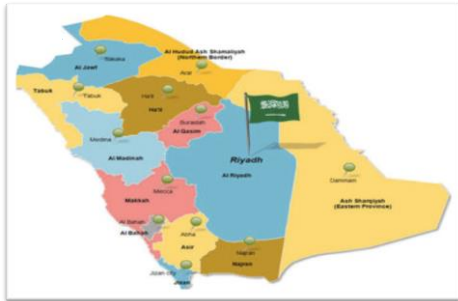


SAUDI ARABIA: HOME MEDICAL CARE



HMC VISION

Provide HMC services for **all regions & provinces** in SA according to the international quality standards



HMC MISSION

Provide the best types of **constant & comprehensive** health care for the patient at his home, within the framework of Islamic values & traditions of the society using the **latest technologies**

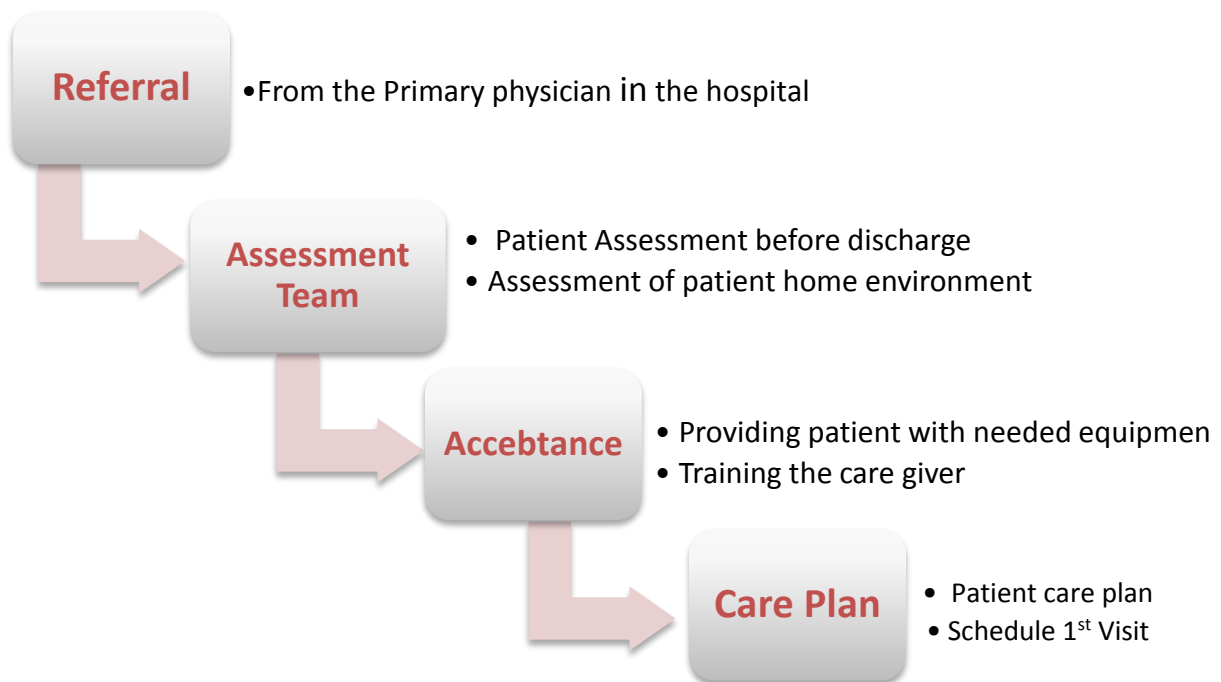


GOALS AND OBJECTIVES.

- Enhance patient's quality of life.

- ↓the need for unnecessary & prolonged hospitalization
- Prevent readmission to the hospital & ER visits (especially chronic pt e.g. COPD, Asthmatic pt)
- Support patient to be more independent at home
- Provide equipment & consumables to patient & family
- Promote healthy lifestyle & provide health. Education to patients & families
- Ensure safety while taking medication at home
- Improve patient compliance to their medications
- Check appropriateness of chronic medications

STEPS TO HOME MEDICAL CARE



HMC Services started from hospitals:

Criteria for acceptance

1. Referral from the physician in the hospital
2. Coverage area 50.km

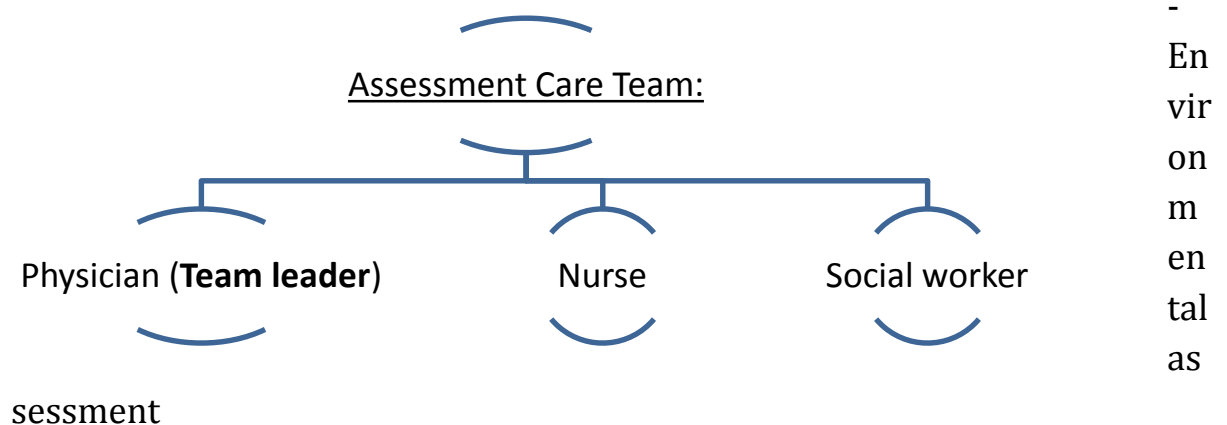
3. **Stable** medical condition. (Acute and Emergency cases not accepted)
4. Approval of home owner.
5. Appropriate home environment.
6. **Capable caregiver**

Referral:

Pt. should be referred **72 hrs** before discharged from the hospital

PATIENT & ASSESSMENT: In the hospital upon referral Patient assessment is done

- Medical assessment
- Socio-economic assessment
- Caregiver assessment



Assessment of: Care Giver

- Educational status
- The relationship between the patient & caregiver - relative or contract worker-
- Time available for patient care
- Previous experience in patient care

Assessment of care giver needs for education

Assessment: Home

- Area of patient's room
- Is patient's room shared
- Type of care given to the patient
- Safe storage of medication

Physical environment must be evaluated for **Safety** and suitability:

- Free of fire
- Health, and safety hazards
- Adequate heating cooling, and ventilation # Adequate electrical service
- Provide patient access and mobility & storage facilities.

Assessment: Home & Environment

- Infection Control:
 - General hygiene and hand washing
 - Correct disposal of sharps
 - Correct handling of supplements for feeding regime
 - Correct disposal of disposable supplies
 - Correct handling of Catheter/ NGT/Peg tube
 - Correct of suction apparatus

- Use of suction catheters

Assessment: Constructing Care Plan (with the consultant)

- Provides a written means of planning patient care based upon the diagnosis of the patient
- Enables provision of a **holistic approach**
- It serves as a means to document change of the patient s condition

What are the Services Provided by Home Medical Care?

TEAM MEMBERS

Physician. (they put the plan and initial assessment and follow up)

Nurse. (the main team manly by nurses)

Social worker.

Rehabilitation personnel.

Dietician.

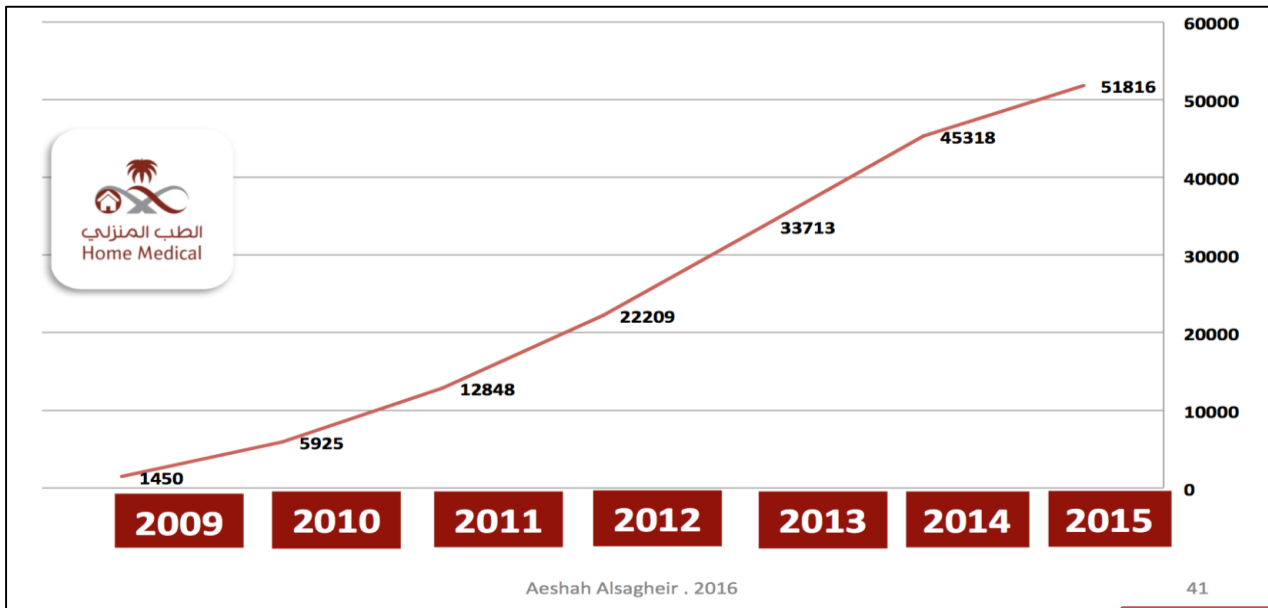
Respiratory therapist. (If needed)

Family caregiver.



HMC Statistics in 2015 2009- Dec. 2015

- More than 51,083 patients benefited from the services
- 206 hospitals provide HMC
- 345 teams with their transportation & equipment



More than 70% of patients are Geriatric

Type of diseases & medical conditions benefiting from the HMC service in 4 th quarter 2015		%
Aging accompanied by organic disease		74%
Chronic diseases (Hypertension & heart diseases) & its complications		19%
Diabetes and its complications		15%
Stroke and paralysis		11%
Wounds - ulcers and diabetic foot		8%
Chronic respiratory disease		7%
Muscular and Skeletal diseases		5%
Urology		3%
Psychological diseases		3%
Neurological diseases		3%
Cancer		2%
Gastroenterology		1%
Diseases of the blood and immune system		1%
Infectious diseases		0.20%
Other diseases		3%

Steady increase in the number of patient under the service 2009- 2015

HOW TO MEASURE OUTCOMES OF HOME HEALTH CARE?

4 major outcomes measurement in which HHC agencies must demonstrate ability

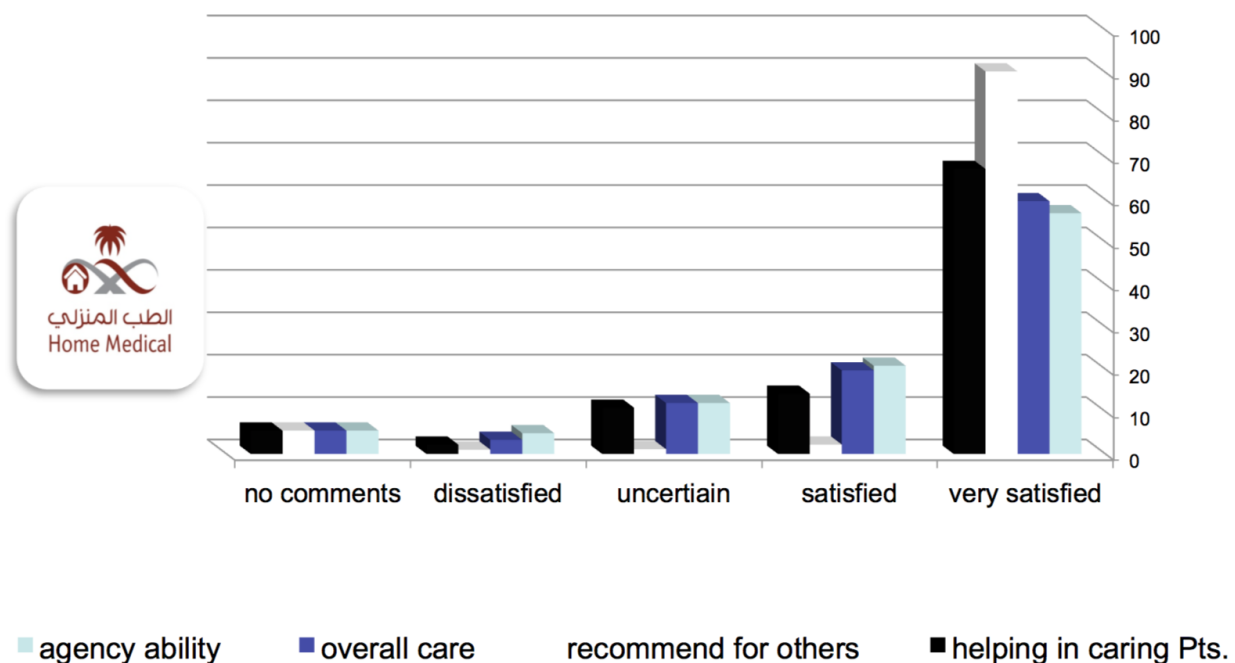
to document success:

- Cost
- Clinical
- Functional status
- Patient satisfaction
-

Client's Characteristics and Satisfaction Towards Services Provided by The Home Health Care

(AL Munawara AL Madina AL Munawara HHC Center- Cross Sectional Study)

- ✓ Majority of clients were satisfied with most of the items of home care clients satisfaction instrument.
- ✓ **83.2%** of clients where satisfied about Over all care provided by the center non were very dissatisfied
- **93.3%** of clients Very satisfied to Recommend the service to others.



Hamadi AL Refai. Client's Characteristics and Satisfaction Towards Services Provided by The Home health Care Center In AL Madina AL Munwra.2008

New steps in HMC

- Ministry of health: **National home medical care (HMC) standards**

To meet the standers, we need POLICIES & PROCEDURES?

Policy & Procedure Manual is first thing surveyors and investigators request regardless of what Agency they represent

P&P IS UNDER THE FINAL REVISION IN SAUDI HEALTH COUNCIL

- Saudi Health Council: **HMC safety protocol**

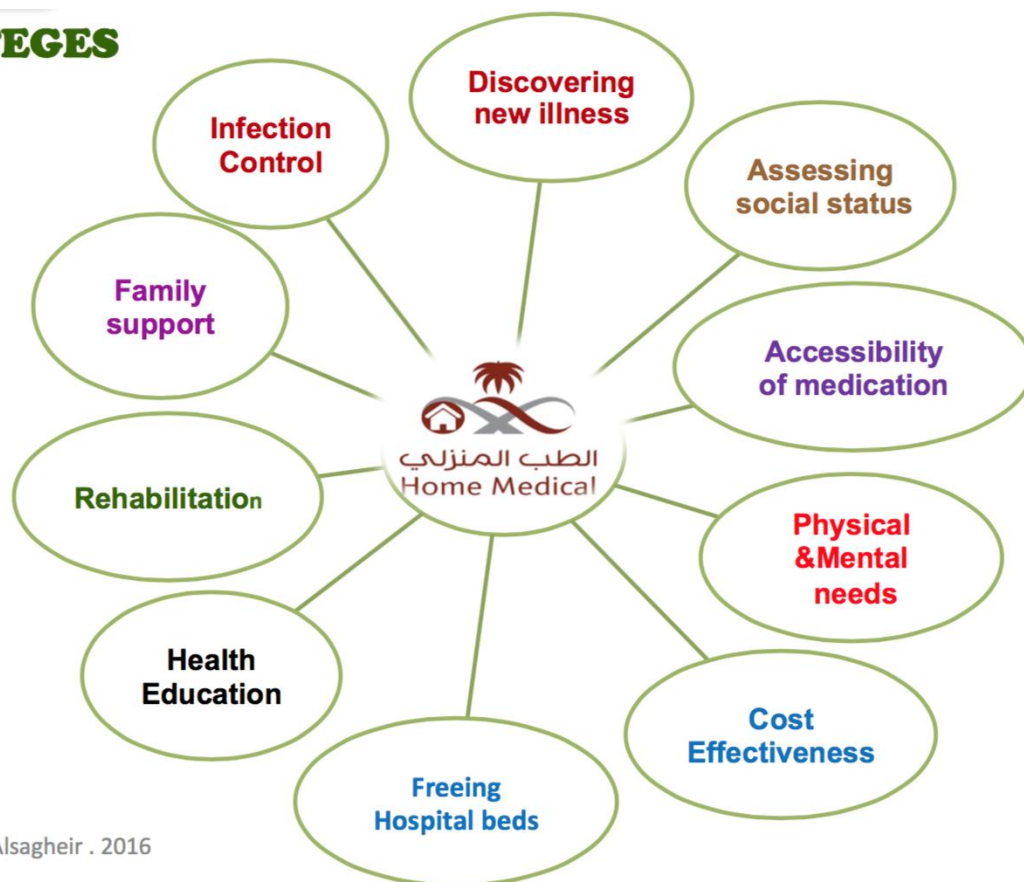
Future directi on of HMC

The face of HHC will change

- Telemedicine
- Electronic Medical Records
- Respiratory Home Care and Home hemodialysis

HOME MEDICA CARE ADVANTAGES

ADVANTEGES



Aeshah Alsagheir . 2016

Summary

- **WHY HHC IS NEEDED?**

- ❖ More Elderly Population
- ❖ More Chronic Diseases.

- **HOME HEALTH CARE:**

Component of a continuum comprehensive health care whereby health services are provided to individuals & families in their places of residence for the purpose of promoting, maintaining or restoring health, or maximizing the level of independence, while minimizing the effects of disability and illness.

- It is reduce hospital stays improved the health outcomes without significantly increasing social costs.
- Provide the best types of constant & comprehensive health care for the patient at his home, within the framework of Islamic values & traditions of the society using the latest technologies
- **Goals of HHC:** Enhance patient's quality of life.
- **Steps to home medical care:** Referral, Assessment team, Acceptance and Care plan.

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