



Home Health Care
A.AL-Sagheir 2010



HOME HEALTH CARE

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AL-Madina AL-Munwara

Ministry of Health

APR. 2010



AIMS



- **Explor HHC Service**
- **HHC Experience in MOH**
- **Increase Understanding of HHC**





Home Care Health Content



😊 Introduction

😊 What is Home Health Care ?

😊 Why Home Health Care is needed ?

😊 What are the Objectives of HHC?

😊 How are HHC Team Members?

😊 What Does HHC Team Do?



Home Care Health Content



- ☺ Which patients need to be Referred To HHC?
- ☺ What are the Required Practice Elements For HHC team?
- ☹ Is Their Any Evidence that HHC Lead To Improve Medical Care?
- ☺ What is the Out come Measures of HHC?
- ☺ What is going on Saudi Arabia HHC ?
- ☹ Conclusion



He Wants To Go Home



Mr. Ahmed 67 known DM , HTN with severe congestive heart failure for 10 years ago .
Suddenly he developed sharp decline in his heart ejection fraction admitted it was decided that the situation is very advanced ..

There is no possibility of cure





She Wants To Go Home



Ms. Salha suffered a stroke and hemiplegia on the left side received hospitalization. despite the stability of the situation still needing **long term nursing help & physiotherapy**





WHAT DO WE MEAN BY “HOME HEALTH CARE”?



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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**.

Geoffrey Leavenworth. high-quality care with the comforts of home - home health care - special edition:
The State of Health Care in America 1995. Business & Health 1995 Available from: URL:
findarticles.com



WHAT DO WE MEAN BY “HOME HEALTH CARE”?



- **Any Therapeutic Diagnostic or Social support service provided an individual's Home**

Sharon et al. Home Care . JAMA 2003;290:1203-7



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WHY HOME HEALTH CARE IS NEEDED IN OUR HEALTH CARE SYSTEM?





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➤ **Demographical Changes**

- More Elderly Population
- Diseases that occur more often in elderly patients increase concomitantly as the population ages.
- Growing elderly population: aged over 65 projected to increase from **6%** in 2005 to **12%** in 2030 according to WHO.

Need More Home Health care



AL Madina AL Munawara HHC Center WHY HHC IS NEEDED?



➤ **Epidemiological Changes:**

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

Need More Home Health care

Sharon etal. Home Care . JAMA 2003;290:1203-7

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- Disease mix Shifts from
Acute/ Infectious to Chronic
between 2005 & 2030
 - All Chronic Deaths will increase
from **70.5%** to **79.5%**
 - Cardiovascular Deaths from
36.6% to **43.7%**
 - Cancer Deaths from
11.2% to **13.8%**

Need More Home Health care



AL Madina AL Munawara HHC Center WHY HHC IS NEEDED?



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

Sharon etal. Home Care . JAMA 2003;290:1203-7

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WHAT ARE OBJECTIVES OF “HOME HEALTH CARE”?





OBJECTIVES OF HOME HEALTH CARE



- ✓ Quality upgrade
- ✓ Freeing Hospital Beds
- ✓ Cost Effective
- ✓ Redirect Tertiary care to Primary care
- ✓ Higher Level of Practice Satisfaction
- ✓ Professional Follow-up





OBJECTIVES OF HOME HEALTH CARE



- ✓ Restoring family unit
- ✓ Training family to care for own
- ✓ Affordability
- ✓ Accessibility of medication
- ✓ Assessing Physical & mental needs
- ✓ Health promotion
- ✓ Discovering new illnesses & treating existing one





Home Health Care



HHC Improve Health Care Is Their Any Evidence ?





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 .

Smigelski CW, Hungate B, Boling PA. Transitional model of care: Bridging inpatient to outpatient care [abstract P518]. J Am Geriatr Soc 2004;52:4(suppl):S194.

Susan Louisa Montauk. Home Health Care. American Academy of Family Physicians 1998 Nov 1;58(7).



Home Health Care Lead To Improve Medical Care



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.

Dougherty, Geoffrey E. MD, MSc, FRCP(C) *; Soderstrom, Lee PhD +; Schiffrin, Alicia MD. Medical Care. 36(4): 586-598, April 1998.

Hernandez C, Casas A, Escarrabill J, et al. Home hospitalisation of exacerbated chronic obstructive pulmonary disease patients. Eur Respir J 2003;21(1):58-67.





Guidelines For Referral To Home Health Care





CONSIDERATION FOR HHC REFERRAL UPON DISCHARGE



- ✓ Patient with new disease or has multiple comorbidities
- ✓ There is a need for complicated assessment and/or health care coordination
- ✓ Patient cannot attend outpatient services & needs monitoring and/or education



National Home and Palliative Care Organization. Hospice & palliative care information. 2003. Available from www.nhpco.org.



CONSIDERATION FOR HHC REFERRAL UPON DISCHARGE



- ✓ Unstable Patients or requires close supervision
- ✓ Multiple medications
- ✓ Anxious & Poor Coping skills
- ✓ Older living alone



National Home and Palliative Care Organization. Hospice & palliative care information. 2003. Available from www.nhpco.org.



CONSIDERATION FOR HHC REFERRAL UPON DISCHARGE



- ✓ Requires assistance with activities of daily living (ADLs) or Instrumental ADLs (IADLs)
- ✓ Frequent ER visit or urgent hospital admission
- ✓ Complicated Rx regimens & High technology medical equipment



official Statement of the American Thoracic Society was approved by the ATS Board of Directors December 2005.



WHAT ARE YOU GOING TO ASSES AT HOME?





HOME EVALUATION



- **Availability of Caregivers** (lay & professional) for each 24-hour period must be assured.
- **The ability of the Caregivers** to learn and **Perform** the required care must be evaluated.
- **Chosen site** must be capable of operating, maintaining, and supporting the equipment required by the patient's medical condition. adequate patient space (room to house medical and adaptive equipment)



official Statement of the American Thoracic Society was approved by the ATS Board of Directors December 2005.



HOME EVALUATION



■ 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 and storage facilities.



official Statement of the American Thoracic Society was approved by the ATS Board of Directors December 2005.



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What are the Services Provided By Home Health Care ?



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➤ **Assess the health situation for each patient and assess the home environment to decide the accepting of the patient or not .**



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HOME HEALTH CARE

Provided Services

➤ **To help patients regain their health well-being.**



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HOME HEALTH CARE

Provided Services

➤ Postoperative care after discharge from hospital



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HOME HEALTH CARE

Provided Services

- **Providing the care for bedridden patient and those with bed sores**



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HOME HEALTH CARE

Provided Services

- **Care for patients discharged from intensive care**



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HOME HEALTH CARE

Provided Services

- **To provide Palliative care for Cancer and Terminally ill Patients**





HOME
HEALTH
CARE

Provided Services

- **Nutrition advices for children and elderly patients on tube feeding**



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HOME HEALTH CARE

Provided Services

- **Provide support and health education for patients and their caregiver**





HOME HEALTH CARE



TEAM Members of HOME HEALTH CARE





Members of HHC Team



- Physician
- Nurse
- Medical social worker
- Home health aide
- Rehabilitation personnel
- Dietician
- Respiratory Therapist
- Family caregiver



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HOW TO MEASURE OUTCOMES OF HOME HEALTH CARE?



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OUT COME



HHC is helpful in achieving stated goals:

- **Mortality**

data support reduced 1-year mortality in patients with COPD receiving specialized respiratory HHC services.

- **Functioning and Health-related Quality of Life**

Some improvements in health-related quality of life (HRQL; general health perceptions, functional status, symptoms) have been demonstrated in several trials of after providing HHC to patients with COPD or cancer.

- **Positive Health Behaviors**

evidence is supporting success in changing health behaviors as a result of respiratory HHC interventions

Neff DF, Madigan E, Narsavage G. APN-directed transitional home care model: achieving positive outcomes for patients with COPD. *Home Health Care Nurse* 2003;21:543-549.



OUT COME



HHC is helpful and cost-effective in achieving stated goals:

- **Hospital Readmission, ER & Related Outcomes:**

Hospital episodes were fewer for HHC patients than control subjects after 1 year in two studies & Three studies found reduced ER use with HHC intervention

- **Patient and Caregiver Satisfaction:**

Some improvements in health-related quality of life (HRQL; general health perceptions, functional status, symptoms) have been demonstrated in several trials of specialist- or generalist provided home care to patients with COPD or cancer.



AL Madina AL Munawara HHC Center



Cross Sectional Study

Client's Characteristics and Satisfaction Towards Services Provided by The Home health Care Center In AL Madina AL Munawara

Conducted by:

Dr .Hamadi A. Al Refai

Supervised by:

Dr. Ayshah Alsagheir

2008



AL Madina AL Munawara HHC Center



Client's Characteristics

- ☺ Study sample were all clients under care of HHC center during the month of March 2008.
- ☺ Data on 191 clients have been analyzed.
- ☺ Clients ages ranged from (2-100) years
- ☺ Mean age 69.9 years.
- ☺ 67% of clients were females
- ☺ 96.9% are Saudis.

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



AL Madina AL Munawara HHC Center Client's Characteristics



- ☺ Majority of clients live with family member.
- ☺ 59.7% of the clients have more than one caregivers.
- ☺ 88% of the clients receive more than one service
- ☺ 86.4 % of them needed nursing care.

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



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Client's Characteristics

■ **Most common frequent diagnoses for HHC clients were:**

- ☺ **Hypertension**
- ☺ **Diabetes mellitus**
- ☺ **CVA**
- ☺ **CAD which are consist with common causes of morbidity and mortality.**

There for more efforts are need for prevention and control of these diseases.

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



AL Madina AL Munawara HHC Center Client's Characteristics



Majority of Madina HHC clients needed:

- ☺ **Chronic care.**
- ☺ **Palliative care.**
- ☺ **Acute care.**
- ☺ **Transitional care.**

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



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Client's Satisfaction Towards Services

➤ **Ability to meet expectations**

How satisfied you were with the agency's ability to meet your expectations for care?

➤ **over all care**

How satisfied you were with your overall care?

➤ **Recommending the service to others**

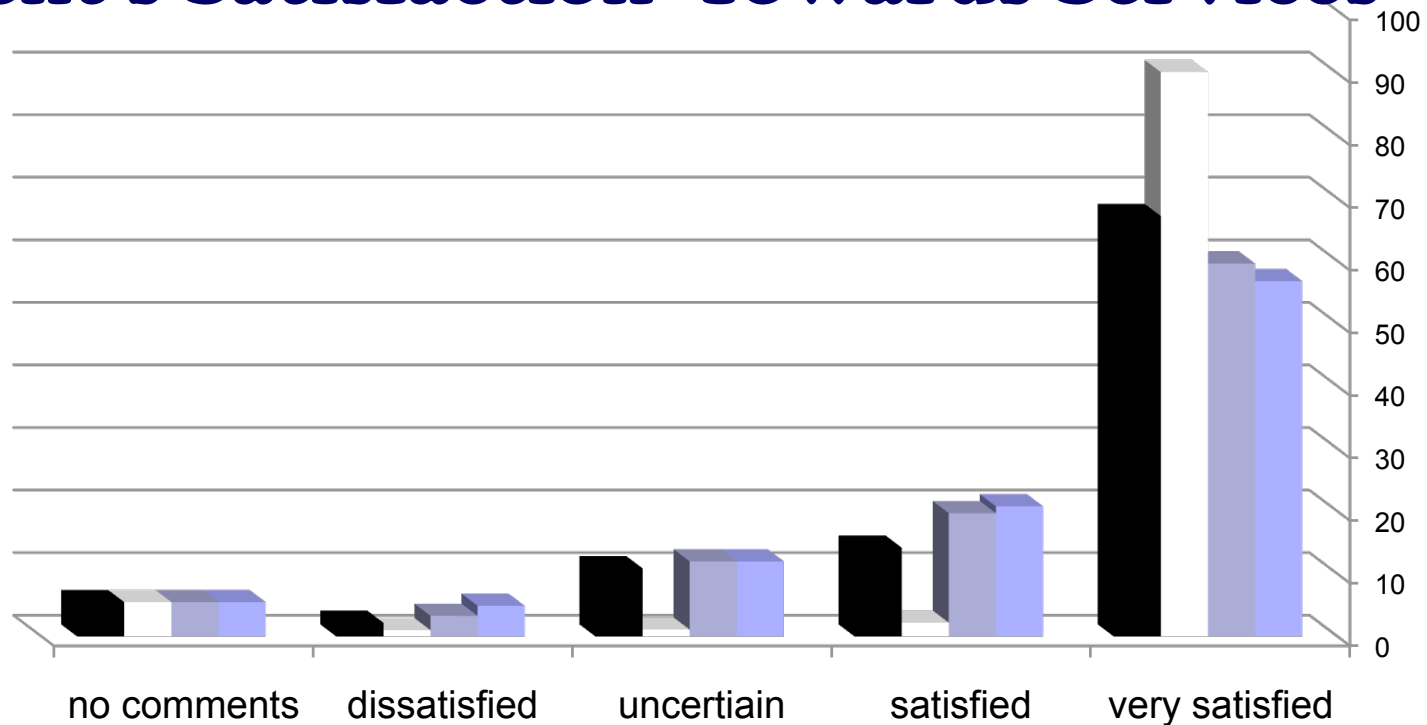
How likely are you to recommend to others the home care agency?

➤ **Feeling that home care help patient**

■ **How much do you feel that home care**

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Client's Satisfaction Towards Services



■ agency ability

■ overall care

■ recommend for others

■ helping in caring Pts.

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

AL Madina AL Munawara HHC Center

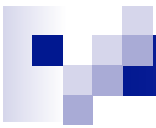
Client's Satisfaction Towards Services

☺ Majority of clients were satisfied with most of the items of home care clients satisfaction instrument.

- ✓ **83.2%** of clients were 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



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SAUDI ARABIA HHC



- ✓ Home health care (HHC) is a new growing medical discipline in Saudi Arabia .
- ✓ Although different HHC centers have different programs, still main target is to provide a high quality services.

Galloway PL. The important role of physician in home care in Kingdom of Saudi Arabia. *Caring* 1998;17(12):36-8.



HHC in Saudi Arabia



- On December 2005 The home health care center in AL-Madina AL-Munwara started as

First Centre for Home Health Care at Ministry of Health level

- AL-Madina Home Health Care Center was the only center in the ministry of health till last year.



**HHC in
AL Madina AL Munawara**

AL Madina AL Munawara Home Health Care Center From Dream To Fact



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IDEA



A Major step to lay down the first corner stone of Home Health Care at the city of our beloved prophet Muhammad peace be upon him beginning was started 1\11\1426H



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AL Madina AL Munawara HHC Center



😊 Now the center receives patients referred from all Hospitals in Al Madina city





AL Madina AL Munawara HHC Center Vision Statement



**To Provide The Highest Quality Of Comprehensive
Health Care For The Patient At His Residence in the
Framework Of Islamic Values & Traditions**



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AL Madina AL Munawara

HHC Center

Achievements



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AL Madina AL Munawara HHC Center Achievements



- ✓ Well organized & newly developed building fully equipped with all supplies, medical devices and external storage.





AL Madina AL Munawara HHC Center Achievements



✓ **Well trained 7 teams**



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AL Madina AL Munawara HHC Center Achievements



- ✓ Well trained 7 teams with their transportation cars & equipment



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AL Madina AL Munawara HHC Center



Achievements

- ✓ More than 1183 patients have benefited from the services of the Center with more than 45477 home visits till Jan 2010



- 😊 Majority of clients were satisfied with most of the service provided by the center



AL Madina AL Munawara HHC Center Achievements



- ✓ Organizing The first meeting of the home health care centers in the Western Region Entitled / **home health care a bright Tomorrow for Health Services** on February 2007.





AL Madina AL Munawara HHC Center Achievements



Regular Educational and training programs for caregivers was introduced to ensure that appropriate care is being provided safely.





AL Madina AL Munawara HHC Center Achievements



New psychiatric home-care unit for patients.





AL Madina AL Munawara HHC Center Achievements



- ✓ Develop policies and procedures & medical records system.
- ✓ Improving the staff skills knowledge and attitude by continuous training program





AL Madina AL Munawara HHC Center Achievements



- ✓ Development of a General Administration of Home Health Care program in ministry of health all over the kingdom selecting Dr. Naser AL-Hazem General supervisor for the HHC General Administration.



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AL Madina AL Munawara HHC Center



Achievements

- ✓ Adoption of AL-Madina AL-Munwara Home Health Care Center of the logo & format for HHC program all over the kingdom



وزارة الصحة
برنامج الرعاية الصحية المنزلية
Home Health Care Programme

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AL Madina AL Munawara HHC Center Achievements



- ✓ Accrediting AL-Madina AL-Munwara Home Health Care Center as the training center for all the kingdom and the training program has started with 13 areas with 104 newly started candidates.





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Future Plan



- ✓ **Functional efficiency of the team through the continuous scientific training.**
- ✓ **Adopting providing a high quality services as main target & using annual patient satisfaction survey as an outcome majoring tool to demonstrate ability of success & asses team effectiveness abilities.**



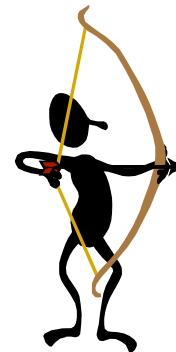


HOME HEALTH CARE

Future Plan



- ✓ To provide the best HHC quality standards using a well certified Staff
- ✓ Working to get the Canadian accreditation of home health care service by 2011 with the help of National Home Health Care Foundation in the Western Region





HOME HEALTH CARE

Future Plan





Conclusions...





Home Care Health



😊 What is Home Health Care ?



What is Home Health Care ?



- **Any Therapeutic, Diagnostic or Social support service provided in an individual's Home**



Home Care Health



😊 Why Home Health Care is needed ?



😊 Why Home Health Care is needed ?



- ❖ **More Elderly Patients**
- ❖ **More Chronic & Incurable diseases.**
- ❖ **More Increased Hospital Costs.**
- ❖ **Patients Choose to Receive Care in Home.**



Home Care Health



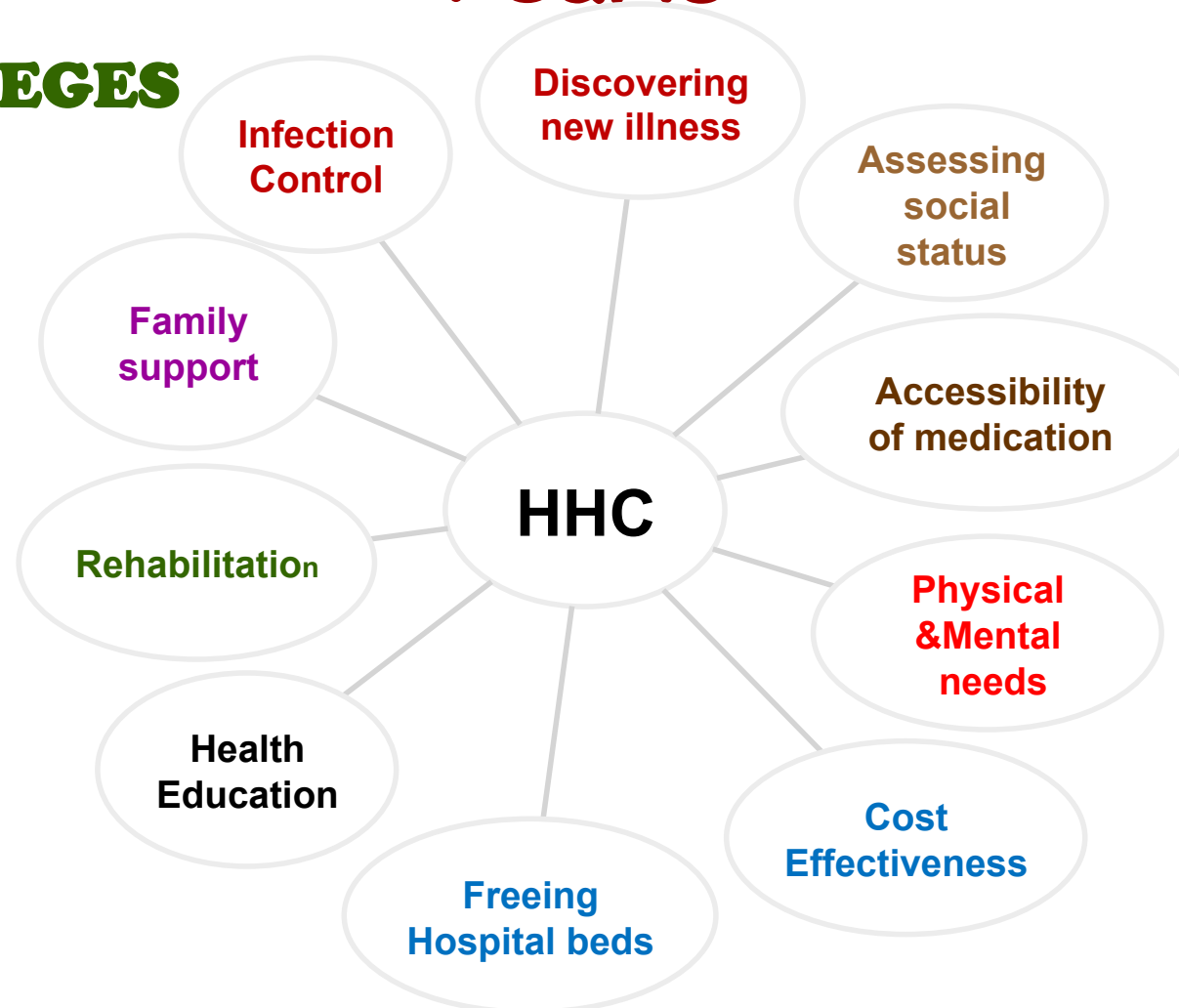
😊 What are the
Objectives of HHC?



Home Health Care Pearls



ADVANTEGES





Home Care Health



😊 What are the services provided in HHC?



Home Health Care Pearls



Service Provided

- ✓ Nursing
- ✓ Social service
- ✓ Physiotherapy
- ✓ Respiratory therapy
- ✓ Dietary
- ✓ Psychotherapy
- ✓ Supplying medications
- ✓ Medical and equipment's supply according to patient needs.



Home Care Health



☺ Which patients need to be Referred To HHC?



Home Care Health



😊 What Are the Outcomes of HHC?



OUT COME



4 major outcomes measurement in which HHC agencies must demonstrate ability to document success:

- 😊 cost
- 😊 clinical
- 😊 functional status
- 😊 patient satisfaction

Moran NY. Malone MP. Utilizing patient satisfaction to meet the challenges of managed health care. Home health outcomes and resource utilization: integrating today's critical priorities. 1997. p. 1-19.



Thank you For Listening

