

Home Health Care
A.AL-Sagheir 2011



HOME HEALTH CARE

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2011



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”?





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





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





WHY HHC IS NEEDED?



➤ 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



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



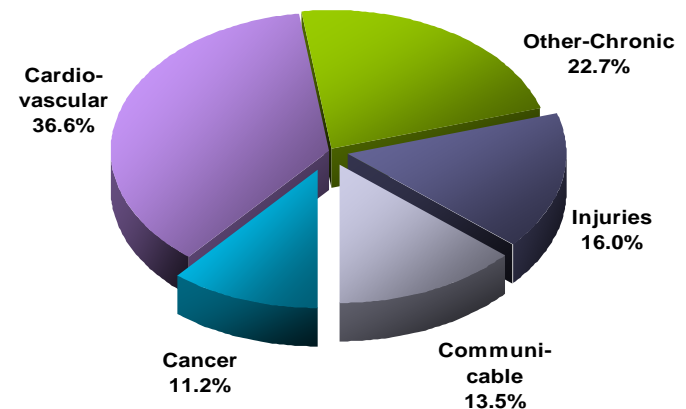
WHY HHC IS NEEDED?



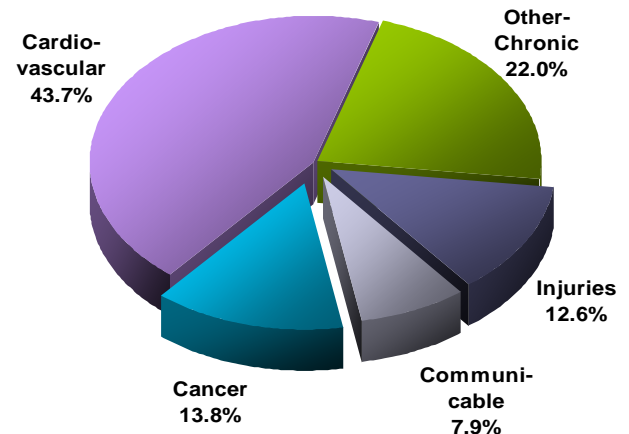
- Disease mix Shifts from Acute/ Infectious to Chronic between 2005 & 2030
 - All Chronic Deaths will increase from **70.5%** to **79.5%**
 - Cardiovascular Deaths from **36.6%** to **43.7%**
 - Cancer Deaths from **11.2%** to **13.8%**

Need More Home Health care

Main Cause of Death 2005



2030 Projections





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



Home Health Care



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.nhpc.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.nhpc.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.



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



HOME EVALUATION



- **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.



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HOME HEALTH CARE



What are the Services Provided By Home Health Care ?



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Provided Services



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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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Provided Services

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



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Provided Services

- **Postoperative care after discharge from hospital**



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Provided Services



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



Provided Services

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



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Provided Services

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





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Provided Services

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



Provided Services



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





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Home Health Care

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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**





HOME HEALTH CARE



HOW TO MEASURE OUTCOMES OF HOME HEALTH CARE?





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 Healthc 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.



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



AL Madina AL Munawara HHC Center 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



AL Madina AL Munawara HHC Center



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

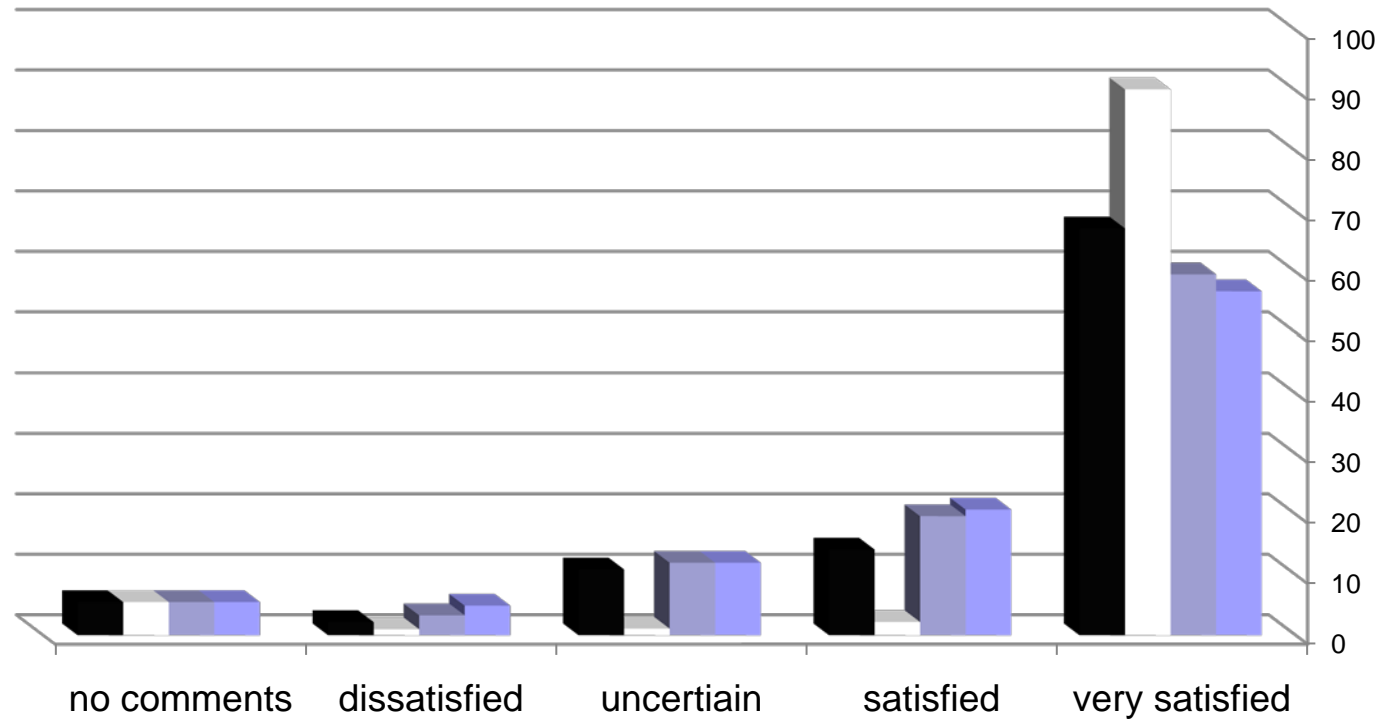
How likely are you to recommend to others the home care agency?

➤ Feeling that home care help patient

■ How much do you feel that home care help your patient?

AL Madina AL Munawara HHC Center

Client's Satisfaction Towards Services



■ agency ability ■ overall care ■ recommend for others ■ helping in caring Pts.

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



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.



HOME HEALTH CARE

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.**



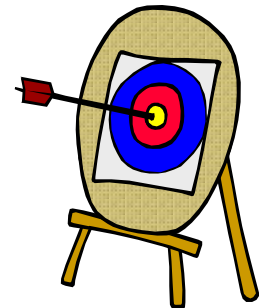
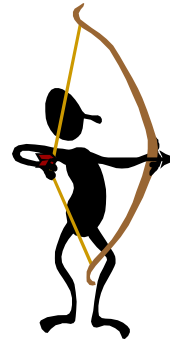


HOME HEALTH CARE

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...





What is Home Health Care ?



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



😊 Why Home Health Care is needed ?



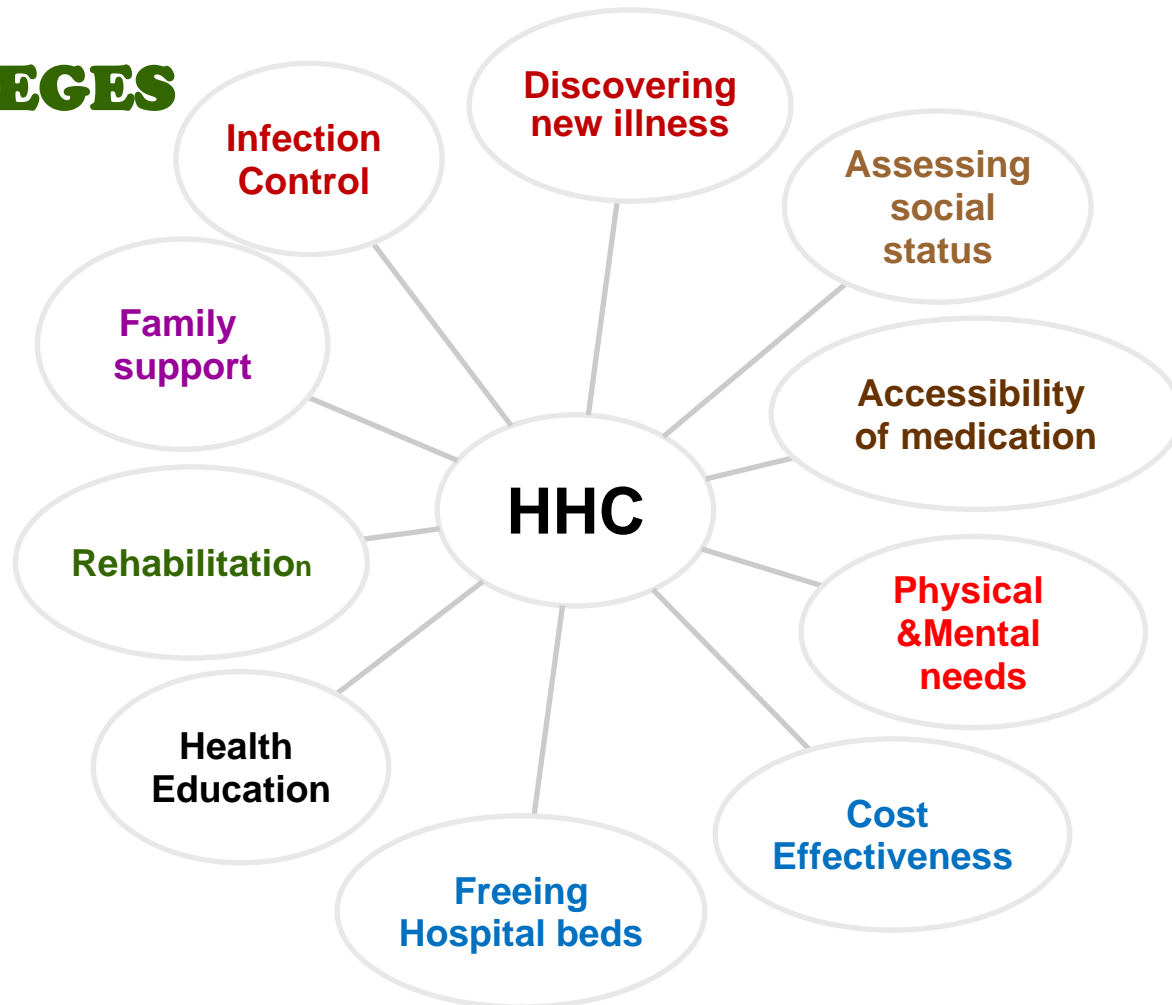
- ❖ **More Elderly Patients**
- ❖ **More Chronic & Incurable diseases.**
- ❖ **More Increased Hospital Costs.**
- ❖ **Patients Choose to Receive Care in Home.**



Home Health Care Pearls



ADVANTEGES





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.



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.