This project has been funded in whole or in part with Federal Funds from the National Library of Medicine, National Institutes of Health, Department of Health and Human Services, under contract No. N01-LM-6-3503 with the University of Illinois at Chicago.
Outline

- **Background:**
  - University of Michigan Health System
  - Structure of Patient Education

- **The pt. ed. Clearinghouse**

- **Future directions**
U-M Health System (UMHS)
Ann Arbor campus
U-M Health System (UMHS)

- 120+ clinic locations and offices
- Clinical staff of over 7,500
- Total staff 22,000
- 885 beds
- 43,000 annual admissions
- 1,800,000 annual clinic visits
- 79,000 ER visits
Patient Education - decentralized

Centers: Cancer, CVC, Diabetes, etc.

Specialty clinics: Heart Failure, Bowel Control Program, etc.

Inpatient units

Ambulatory Care Units

Departments: Urology, Nephrology, Gyn, Oto, etc.

Pediatrics

Dieticians

ER
Challenges in Patient Education

Inability to find materials

Materials posted on different sites

Unfocused search results

Searching for “Lumpectomy”

- Results from the news file
- Surgeon’s bio
- Publications list
Challenges in Patient Education

Inconsistent Quality

- Reading level, language
- Formatting: font, font size, spacing, bolding
- Missing elements: logo, copyright statements, date of publication or revision, disclaimer
- Outdated
Challenges in Patient Education

Duplication of Effort

- Clinicians unaware of materials created in other areas
- Several documents on one topic
The “Librarian” Solution

Goals:

- Facilitate access and resource sharing
- Improve quality of materials
- Provide a mechanism for the update & review process

Data-access site created with Sitemaker
An Open Source website creation and management application

Available free for University of Michigan faculty and staff

Data-tables and data-access site-sections (=pages)

Based on complex queries of one or more tables

Provides a web interface to a database
Two Ways to Search:

One: Search by Topic

Type a keyword or a phrase that represents your topic.

Click the Search button.
Your Results

Click the link to open document
Blood Glucose Monitoring

Patient Education Handout associated with UMHS Clinical Care Guideline

This information is not a tool for self-diagnosis or a substitute for medical treatment. You should speak to your health care provider or make an appointment to be seen if you have questions or concerns about this information or your medical condition.

Why is it important to monitor my blood sugar?

Blood glucose monitoring is helpful for many people with diabetes. By checking your blood sugar at home, you can see how your meal plan, activity, level of stress and diabetes medications affect your blood sugar. You can use this information to make decisions and adjustments each day as you care for your diabetes. It is important to keep your blood sugar levels as close to normal as is safe for you in order to help reduce your risk for long-term complications of diabetes.

How do I monitor my blood sugar?

All blood glucose meters require a small blood sample, usually from your fingertip. The blood is applied to a special test strip. The meter reads the results and displays your blood sugar level in less than a minute. Meters are small and easy to use. There are many types of blood glucose meters available. You may want to ask your nurse, doctor or pharmacist to help you select the meter that will work best for you or check with your insurance company about what they will cover.

How often should I monitor my blood sugar?

How often you check your blood sugar at home is a decision you and your health care provider need to make. People who take pills to treat their diabetes or who do not adjust their medications, may only check a few times per week, or at certain times of the day. People who take several insulin shots per day or use an insulin pump may check before/after each meal and at bedtime to balance their insulin dose, food and activity level.

How should I select a blood glucose monitor?

If you are interested in learning about monitoring or how to use the information, talk with your doctor or nurse. Let them know why you are interested in checking your blood sugar and how often you are able to test. Together you can select a meter and create a plan that will work for you.

Information provided (reviewed) by Martha Funnell, MS, RN, CDE, Michigan Diabetes Research and Training Center

August 2010

Information maintained by the UMHS Clinical Care Guidelines Committee
Your Results

Click the link for more details and notes about the document.
More Details

The single view has more details about the document.
Two Ways to Search:
Two: Advanced Search

Get more precise results by combining fields.

Select AND

Click the Search button
Results Display
Showing 1-3 of 3 results found (908 total records in clearinghouse)

Please note: Results are alphabetized by Title.

Title: Diabetes Care: The ABCs to Better Health for Children
UMHS Department: Diabetes Quality Improvement Committee, Clinical Care Guidelines Committee
Format: .pdf
Physical description: A 1 page handout
Keywords: Diabetes
Publication Year: 2008
Language:
Show More Details

Title: Type 1 Diabetes
UMHS Department: Comprehensive Diabetes Center
Format: Webpage
Physical description:
Keywords: Type 1 Diabetes
Publication Year: 2008
Language:
Show More Details

Title: Nutrition - Type 1 Diabetes
UMHS Department: Comprehensive Diabetes Center
Format: Webpage
Physical description:
Keywords: Type 1 Diabetes, Nutrition
Patient Education Clearinghouse

Specific Departments Documents

Click on the links below to find documents used by a specific department or unit.

- Alzheimer's Disease Center (MADC)
- Asthma Quality Improvement (QI) Committee
- Bowel Control Program (MBCP)
- Cancer Center
- Cardiovascular Center
- Diabetes Center
- GI Physiology Laboratory
- Neurology - Stroke Program

UMHS faculty and staff may request search pages for searching documents used by their departments. For more information email Ruti Volk.
Patient Education Clearinghouse

Asthma Quality Improvement Committee
Recommended Materials

Showing 1-46 of 46 results found (46 total records in clearinghouse)

Please note: Results are alphabetized by Title.

Search within Asthma QI documents

- Asthma Action Plan for Patients 0 – 4 Years
- Asthma Action Plan for Patients 12 Years or Older
- Asthma Action Plan for Patients 5 – 11 Years
- Controlling Your Asthma [American College of Chest Physicians]
  This document requires a coversheet. Click More Details to view ordering information for this document.
- Controlling Your Asthma - Spanish (American College of Chest Physicians)
  This document requires a coversheet. Click More Details to view ordering information for this document.
- How Do You Know If Your Flexhaier® Is Empty? (American College of Chest Physicians)
  This document requires a coversheet.
- How to Give Nebulized Medicines
Search for Asthma QI Committee documents

If this is your first visit to the Clearinghouse READ the search tips:

- Find materials that fit all of these criteria (AND)
- Find materials that fit any of these criteria (OR)

To find American College of Chest Physicians materials type Chest in the title field.
To find ACP Foundation materials type ACP in the title field.

Field Name | Type a search term
---|---
Title | 
Keywords | inhaler
Population | (none)
Document Type | (none)
Notes | 
Format | Video
Language | 

To search by date select a comparison and enter a year
Asthma Quality Improvement Committee
Recommended Materials

Showing 1-4 of 4 results found (46 total records in clearinghouse)

Please note: Results are alphabetized by Title.

Search within Asthma QI documents

- How to Use a Diskus Inhaler - How to Use a Diskus Inhaler (ACP Foundation)
  This document requires a coversheet.

- How to Use an Inhaler (ACP Foundation)
  This document requires a coversheet.

- How to Use an "Egg" Inhaler (ACP Foundation)
  This document requires a coversheet.

- How to Use an Inhaler with a Spacer (ACP Foundation)
  This document requires a coversheet.

Search

Previous | Next
Embed searches in other pages
- Social Anxiety Disorder
- Substance-induced anxiety disorder

- Amenorrhea
- Angina, unstable [Spanish]
- Anticoagulants and antiplatelets [Spanish] [Warfarin] Patient Education Handout Associated with a UMHS Clinical Care Guideline [Low Molecular Weight Heparin (LMWH) Patient Education Handout Associated with a UMHS Clinical Care Guideline]
- Aspirin and Heart Disease
- Atherosclerosis
- Athlete's Foot
- Atopic dermatitis (eczema)
- Atrial Fibrillation [Spanish]
- Asthma

  - Asthma QI Committee approved materials
    - What you Need to know about Asthma (3 pages) - Patient Education Handout associated with a UMHS Clinical Care Guideline
    - ControllingYour Asthma Guide (32 pages booklet. Available at the clinic)
    - Video demonstrations of inhalers - Show your patients in the exam room
    - Flyer on Video demonstrations of asthma inhalers
    - How to use specific inhalers [Spanish]
    - Additional Print materials (action plans, using specific inhalers, peak flow meter and nebulizer medications)

- Asthma, exercise induced (Sports Advisor)
- Inhaled corticosteroids for long term control of asthma [Spanish] From the NYC Asthma Initiative program
- Long acting beta agonists for long term control of asthma [Spanish] From the NYC Asthma Initiative program
- Short acting beta agonists for quick relief of asthma [Spanish]
- Systemic corticosteroids for quick relief during asthma attacks
- Denise I was not able to find these two topics: please check Bronchodilators and Oral Corticosteroids from the NYC Asthma Initiative. Also these topics are covered in the Controlling Your Asthma Guide recommended by the Asthma QI Committee (pages 23-24)
Asthma Quality Improvement Committee
Recommended Materials

Showing 1-4 of 4 results found (46 total records in clearinghouse)

Please note: Results are alphabetized by Title.

Search within Asthma QI documents

- How to Use a Disc Inhaler - How to Use a Diskus Inhaler (ACP Foundation)
  This document requires a coversheet.

- How to Use an Inhaler (ACP Foundation)
  This document requires a coversheet.

- How to Use an "Egg" Inhaler (ACP Foundation)
  This document requires a coversheet.

- How to Use an Inhaler with a Spacer (ACP Foundation)
  This document requires a coversheet.

Search

Previous | Next
Patient Education Resources for...

- Social Anxiety Disorder
- Substance-induced anxiety disorder

- Amenorrhea
- Angina, unstable [Spanish]
- Anticoagulants and antiplatelets [Spanish] [Warfarin]

Patient Education Handout Associated with a UMHS Clinical Care Guideline
- Low Molecular Weight Heparin (LMW/H) Patient Education Handout Associated with a UMHS Clinical Care Guideline

- Aspirin and Heart Disease
- Atherosclerosis
- Athlete's Foot
- Atopic dermatitis (eczema)
- Atrial Fibrillation [Spanish]

- Asthma

  - Asthma QI Committee approved materials
    - What you Need to know about Asthma (3 pages) - Patient Education Handout associated with a UMHS Clinical Care Guideline
    - Controlling Your Asthma Guide (32 pages booklet. Available at the clinic)
    - Video demonstrations of inhalers - show your patients in the exam room
    - Fly on video demonstrations of asthma inhalers
    - How to use specific inhalers [Spanish]
    - Additional Print materials (action plans, using specific inhalers, peak flow meter and nebulized medicines)

- Asthma, exercise induced [Sports Advisor]
- Inhaled corticosteroids for long term control of asthma [Spanish] From the NYC Asthma Initiative program
- Long acting beta agonist for long term control of asthma [Spanish] From the NYC Asthma Initiative program
- Short acting beta agonists for quick relief of asthma [Spanish]
- Systemic corticosteroids for quick relief during asthma attacks
- Denise I was not able to find these topics: please check Bronchodilators and Oral Corticosteroids from the NYC Asthma Initiative. Also these topics are covered in the Controlling Your Asthma Guide recommended by the Asthma QI Committee (pages 23-24)
Asthma Quality Improvement Committee
Recommended Materials

Showing 1-17 of 17 results found (46 total records in clearinghouse)

Please note: Results are alphabetized by Title.

Search within Asthma QI documents

1. How to use an Asthma inhaler device (Flyer on ACP Foundation Videos)
2. Priming and Cleaning Your MDI (American College of Chest Physicians)
   - This document requires a coversheet.
3. Using Your MDI With a Spacer (American College of Chest Physicians)
   - This document requires a coversheet.
4. Priming and Cleaning Your Maxair™ Autohaler™ (American College of Chest Physicians)
   - This document requires a coversheet.
5. Using Your Foradil™ Aerolizer™ (American College of Chest Physicians)
   - This document requires a coversheet.
6. Using Your MDI - Closed-mouth Technique - (American College of Chest Physicians)
   - This document requires a coversheet.
7. Using Your Asmanex™ Twisthaler™ (American College of Chest Physicians)
   - This document requires a coversheet.
Amenorrhea
Angina, unstable | Spanish
Anticoagulants and antiplatelets | Spanish | Warfarin Patient Education Handout Associated with a UMHS Clinical Care Guideline | Low Molecular Weight Heparin (LMWH) Patient Education Handout Associated with a UMHS Clinical Care Guideline
Aspirin and Heart Disease
Atherosclerosis
Athlete’s Foot
Atopic dermatitis (eczema)
Atrial Fibrillation | Spanish
Asthma

Asthma QI Committee approved materials

- What you Need to know about Asthma (3 pages) - Patient Education Handout associated with a UMHS Clinical Care Guideline
- ControllingYour Asthma Guide (32 pages booklet. Available at the clinic)
- Video demonstrations of inhalers - show your patients in the exam room
- Flyer on Video demonstrations of asthma inhalers
- How to use specific inhalers | Spanish
- Additional Print materials (action plans, using specific inhalers, peak flow meter and nebulized medicines)

Asthma exercise induced (Sports Advisor)
Inhaled corticosteroids for long term control of asthma | Spanish From the NYC Asthma Initiative program
Long acting beta agonist for long term control of asthma | Spanish From the NYC Asthma Initiative program
Short acting beta agonists for quick relief of asthma | Spanish
Systemic corticosteroids for quick relief during asthma attacks
Denise I was not able to find these topics: please check Bronchodilators and Oral Corticosteroids from the NYC Asthma Initiative. Also these topics are covered in the ControllingYour Asthma Guide recommended by the Asthma QI Committee (pages 23-24)
Asthma Quality Improvement Committee
Recommended Materials

Showing 1-15 of 15 results found (46 total records in clearinghouse)

Please note: Results are alphabetized by Title.

Search within Asthma QI documents

Using Your MDI With a Spacer and Mask - Pediatric - Spanish (American College of Chest Physicians)
This document requires a covsheet.

Using Your Spiriva® Handihaler® - Spanish (American College of Chest Physicians)
This document requires a covsheet.

Using Your Pulmicort Flexhaler® - Spanish (American College of Chest Physicians)
This document requires a covsheet.

Priming and Cleaning Your MDI and Spacer - Spanish (American College of Chest Physicians)
This document requires a covsheet.

Priming and Cleaning Your MDI - Spanish (American College of Chest Physicians)
This document requires a covsheet.

Using Your MDI With a Spacer - Spanish (American College of Chest Physicians)
This document requires a covsheet.
Inclusion criteria

- UMHS written or produced materials
  - Reading level
  - Font size
  - Logo, regent statement, date of publication or revision
  - Printer friendly format

- External materials
  - Meet above criteria and
  - Approved by relevant committees and clinics
Submission & Approval Process

Staff submit materials with an online form

Librarian is notified. Opens “approval page” to see the submission
→ Checks quality
→ Catalogs

Approved materials are placed in “Current” status.

Non-Approved materials are placed in “Pending” status. Submitter is notified.
### Cancer Center Update & Review

Showing #1-50 of 122 found in set (122 total records in Clearinghouse)

<table>
<thead>
<tr>
<th>Future Review Date</th>
<th>CCC Doc ID Number</th>
<th>Title</th>
<th>CCC Author</th>
<th>CCC Reviewers</th>
<th>Create Duplicate</th>
<th>Discontinued</th>
<th>Show</th>
</tr>
</thead>
<tbody>
<tr>
<td>01/01/2004 12:00</td>
<td>135</td>
<td>Pediatric Discharge Instructions after Stem Cell Transplant</td>
<td>ausklewicz, fatchett, levine</td>
<td>r hutchinson</td>
<td>Duplicate</td>
<td>✓</td>
<td>Details...</td>
</tr>
<tr>
<td>02/01/2006 12:00</td>
<td>132</td>
<td>Discharge Instructions after Autologous Stem Cell Transplant</td>
<td>d baker</td>
<td>Duplicate</td>
<td>✔</td>
<td>Details...</td>
<td></td>
</tr>
<tr>
<td>02/01/2006 12:00</td>
<td>133</td>
<td>Discharge Instructions after Allogeneic Stem Cell Transplant</td>
<td>ran</td>
<td>Duplicate</td>
<td>✔</td>
<td>Details...</td>
<td></td>
</tr>
<tr>
<td>12/01/2006 12:00</td>
<td>192</td>
<td>Ultrasound Guided Fine Needle Aspiration Explo</td>
<td>hummelel</td>
<td>Duplicate</td>
<td>✔</td>
<td>Details...</td>
<td></td>
</tr>
<tr>
<td>01/01/2006 12:00</td>
<td>170</td>
<td>Duotogram</td>
<td>sable, sayre, cross</td>
<td>scanlon, egner, post</td>
<td>Duplicate</td>
<td>✗</td>
<td>Details...</td>
</tr>
<tr>
<td>01/01/2006 12:00</td>
<td>169</td>
<td>Breast Calcifications</td>
<td>Chang, Sayre, Cross</td>
<td>Duplicate</td>
<td>✗</td>
<td>Details...</td>
<td></td>
</tr>
</tbody>
</table>
Central and local solution

- Single access point to all materials in the health system and
- Customized access points to fit the needs of clinicians in different parts of the health system
Future Directions

MiChart

UofMhealth.org

Clearinghouse

Departmental internal and external sites

GetWell System
Next steps

- Increase usage

Questions?