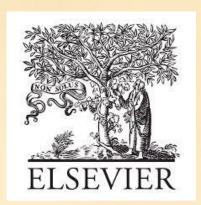


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پایگاه Clinical key

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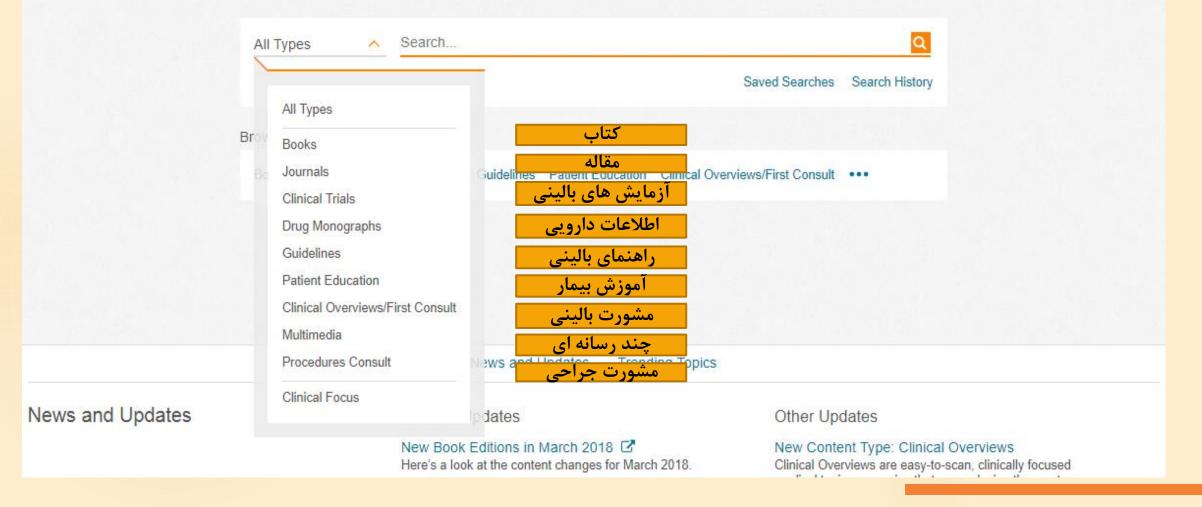
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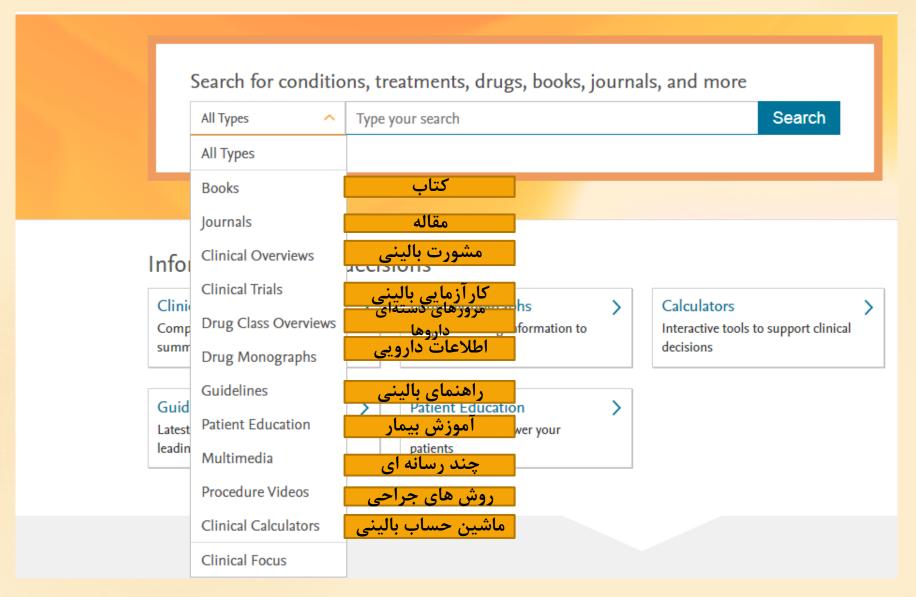
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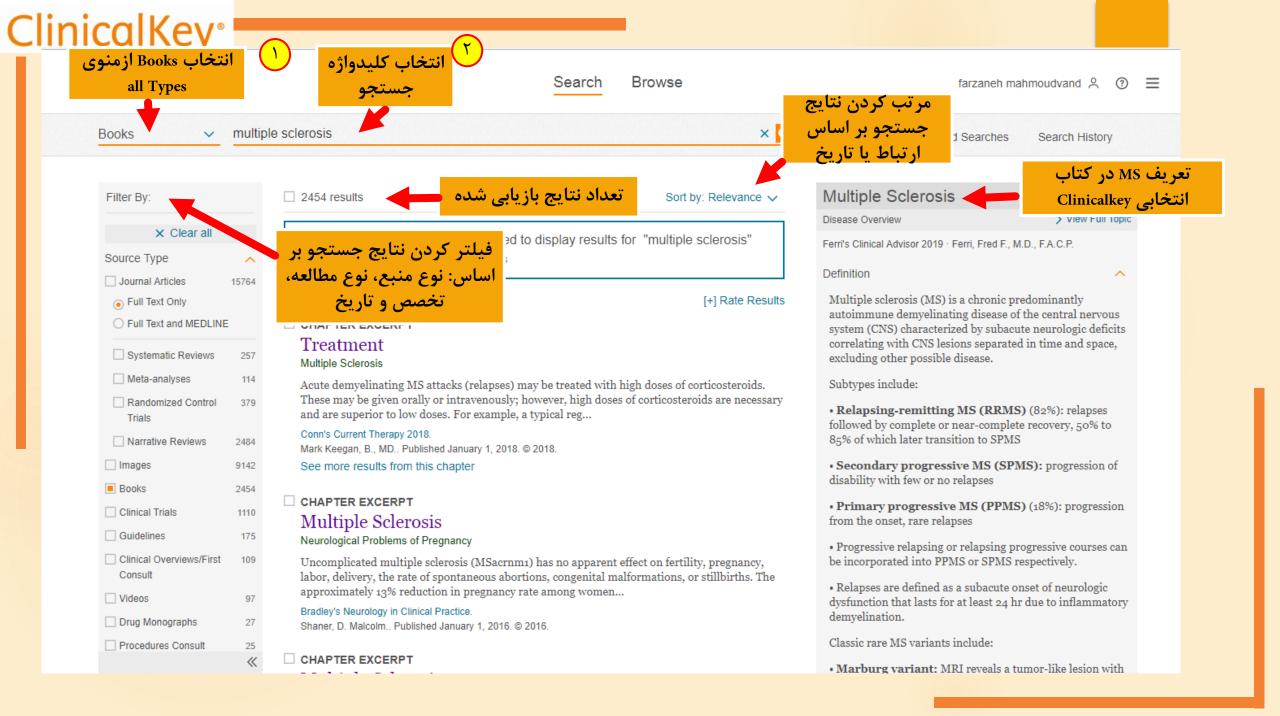




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Neuromyelitis Optica-Devic Syndrome

Tumors

Primary Brain Neoplasms

Pituitary Tumors

Choriocarcinoma

Idiopathic Intracranial Hypertension (Pseudotumor Cerebri)

Epilepsy and Its Treatments

Neurological Problems of Pregnancy

Multiple Sclerosis





Uncomplicated multiple sclerosis (MS) has no apparent effect on fertility, pregnancy, labor, delivery, the rate of spontaneous abortions, congenital malformations, or stillbirths. The approximately 13% reduction in pregnancy rate among women with MS noted in one study may result from physical disability and from women deciding not to have children. Oral contraceptive agents do not affect the incidence of MS. One study of a large U.S. national database noted marginally increased risk of fetal intrauterine growth restriction (IUGR; weight <10th percentile for gestational age) and rate of cesarean section. Calculated at 2.7%, the low rate of IUGR was 1.9 times more likely than the normal population. Physicians performed cesarean section at a higher rate: 42% for women with MS compared to 32.8% for controls. The study found no increase in other adverse obstetric outcomes. The significant methodological concerns. Pregnancy outcome data were unavailable (

سرفصل مطالب

Ponsonby 2012)

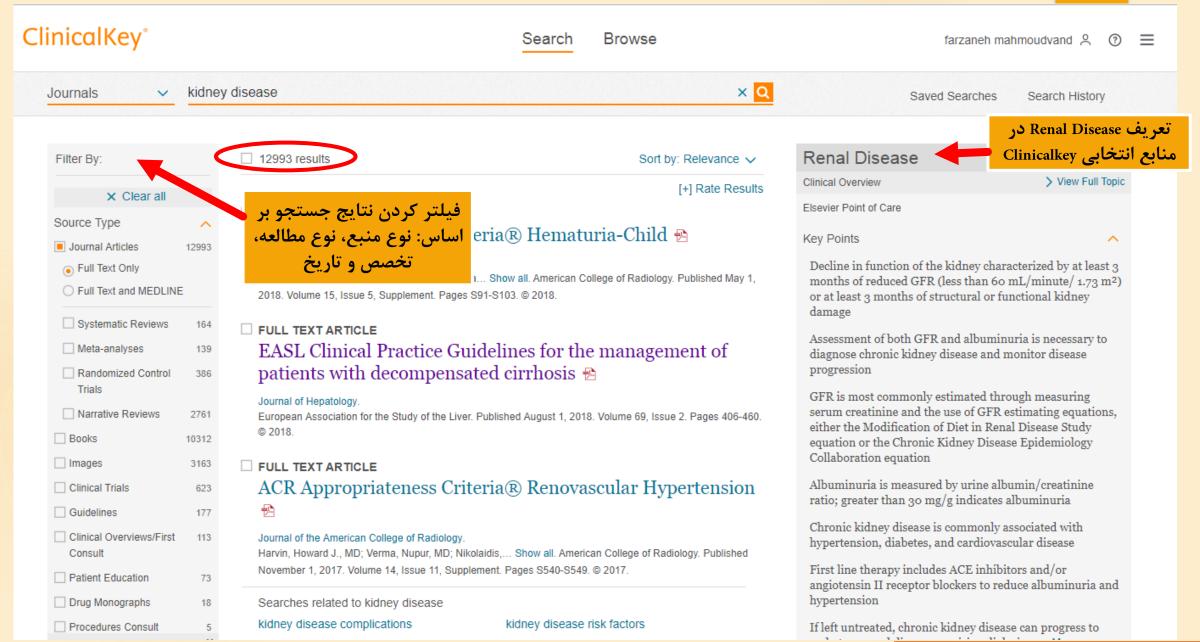
In a small study, researchers cautiously predict an increased relapse rate in patients with MS undergoing in vitro fertilization. This effect was noted for 3 months after the procedure, possibly associated with failure of IVF and the use of Gonadotropin Releasing Hormone agonists (Michel et al., 2012).

Predicting the effect of pregnancy on the course of MS for an individual patient remains challenging. Prospective analysis clarifies that for research populations, MS does not worsen overall as a result of pregnancy and suggests that for the average fertile patient with MS, the overall rate of progression of disability from MS compared to the rate of progression 1 year before pregnancy does not change for some 21 months postpartum. The exacerbation rate of MS decreases during the last trimester and increases during the 3 to 6 months after parturition. Postpartum relapse correlated with, but was predicted poorly by an increased relapse rate in the prepregnancy year, an increased relapse rate during pregnancy, and a higher level of disability at pregnancy onset (Vukusic et al., 2004). In one study finding that women with increasing parity were less likely to encounter a first demyelinating event, authors claim a cumulative protective effect of pregnancy on multiple sclerosis (

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Journals

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ClinicalKey*

Summary of Literature Review

Introduction/Background

Discussion of Procedures by

Variant 1: Child. Isolated

(nonpainful, nontraumatic) without proteinuria. Initial

Variant 2: Child. Isolated

(nonpainful, nontraumatic)

Variant 3: Child. Isolated

macroscopic hematuria

microscopic hematuria

with proteinuria. Initial

microscopic hematuria

Isolated Hematuria (nonpainful, nontraumatic) Search

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Variant

imaging

imaging

kidney disease

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FULL TEXT ARTICLE

ACR Appropriateness Criteria ® Hematuria-Child

Jonathan R. Dillman MD, MSc, Cynthia K. Rigsby MD, Ramesh S. Iyer MD, Adina L. Alazraki MD, Sudha A. Anupindi MD, Brandon P. Brown MD, Sherwin S. Chan MD, PhD, Scott R. Dorfman MD, Richard A. Falcone MD, MPH, Matthew D. Garber MD, Jie C. Nguyen MD, MS, Craig A. Peters MD, Nabile M. Safdar MD, MPH, Andrew T. Trout MD and Boaz K. Karmazyn MD

Journal of the American College of Radiology, 2018-05-01, Volume 15, Issue 5, Pages S91-S103, Copyright © 2018 American College of Radiology

اطلاعات محله

nce of red blood cells in the urine, either visible to the eye (macroscopic hematuria) microscope (microscopic hematuria). The clinical evaluation of children and

adolescents with any form of hematuria begins with a meticulous history and thorough evaluation of the urine. The need for imaging evaluation depends on the clinical scenario in which hematuria presents, including the suspected etiology. Ultrasound and CT are the most common imaging methods used to assess hematuria in children, although other imaging modalities may be appropriate in certain instances. This review focuses on the following clinical variations of childhood hematuria: isolated hematuria (nonpainful, nontraumatic, and microscopic versus macroscopic), painful hematuria (ie, suspected nephrolithiasis or urolithiasis), and renal trauma with hematuria (microscopic versus macroscopic).

The American College of Radiology Appropriateness Criteria are evidence-based guidelines for specific clinical conditions that are reviewed annually by a multidisciplinary expert panel. The guideline development and revision include an extensive analysis of current medical literature from peer reviewed journals and the



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Initial imaging Variant 4: Child. Painful hematuria (nontraumatic).

(nonpainful, nontraumatic).

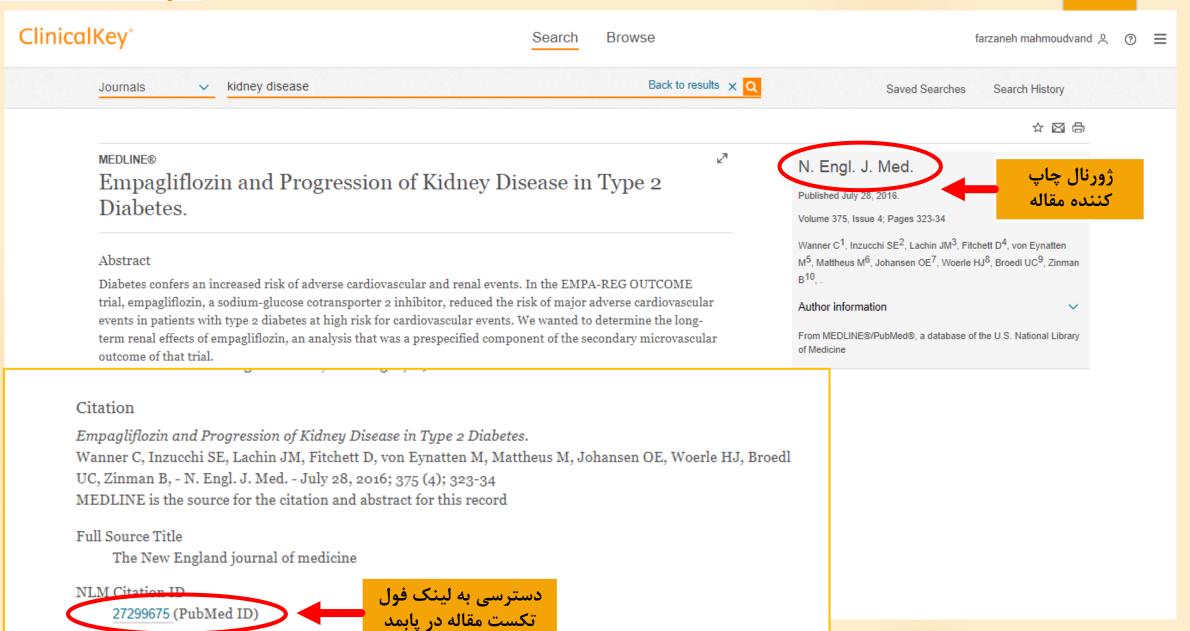
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Clinical Trials

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انتخاب Clinical Trials **Browse** ازمنوی all Types Search farzaneh mahmoudvand A × Q dermatitis Clinical Trials Saved Searches Search History تعداد نتایج بازیابی شده Filter By: 990 results Sort by: Relevance > [+] Rate Results فیلتر کردن × Clear all نتايج جستجو Source Type Comparison Between the Effect of Zinc Oxide and Non-Journal Articles 7945 irritant Barrier Film on the Prevention of... Full Text Only Published July 31, 2018. Conditions: Diaper Rash. Interventions: Device: water and soap; Device: zinc oxide; O Full Text and MEDLINE Device: Non-Irritant Barrier Film. Systematic Reviews 75 CLINICAL TRIAL A Pilot Trial Assessing the Feasibility of Delivering Topical Meta-analyses 32 MTS-01 to Reduce Dermatitis in Patients... Randomized Control 180 Trials Published July 3, 2018. Conditions; Anal Cancer, Interventions; Drug; Tempol; Drug; 5-Fluorouracil; Drug; Mitomycin-C; Procedure: Radiation Therapy. Narrative Reviews 2129 Books 4514 CLINICAL TRIAL Effect of Sublingual Immunotherapy With Mite Extract in Images 2677 Patients With Atopic Dermatits: Placebo-controlled... Clinical Trials 990 Published June 14, 2018, Conditions: Atopic Dermatitis; Effects of Immunotherapy, Interventions; Drug; Mite Patient Education 71 extract sublingual immunotherapy (SLIT); Other: Placebo. Clinical Overviews/First 45

dermatitis risk factors

dermatitis treatment

Consult

Guidelines

Drug Monographs

Procedures Consult

Searches related to dermatitis

dermatitis complications

dermatitis diagnostics

dermatitis drugs

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CLINICAL TRIAL

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CLINICAL TRIAL

Purpose

Eligibility

Contacts and Locations

More Information

Comparison of Barrier Products in the Prevention of Incontinence-associated Dermatitis in Hospitalized Elderly

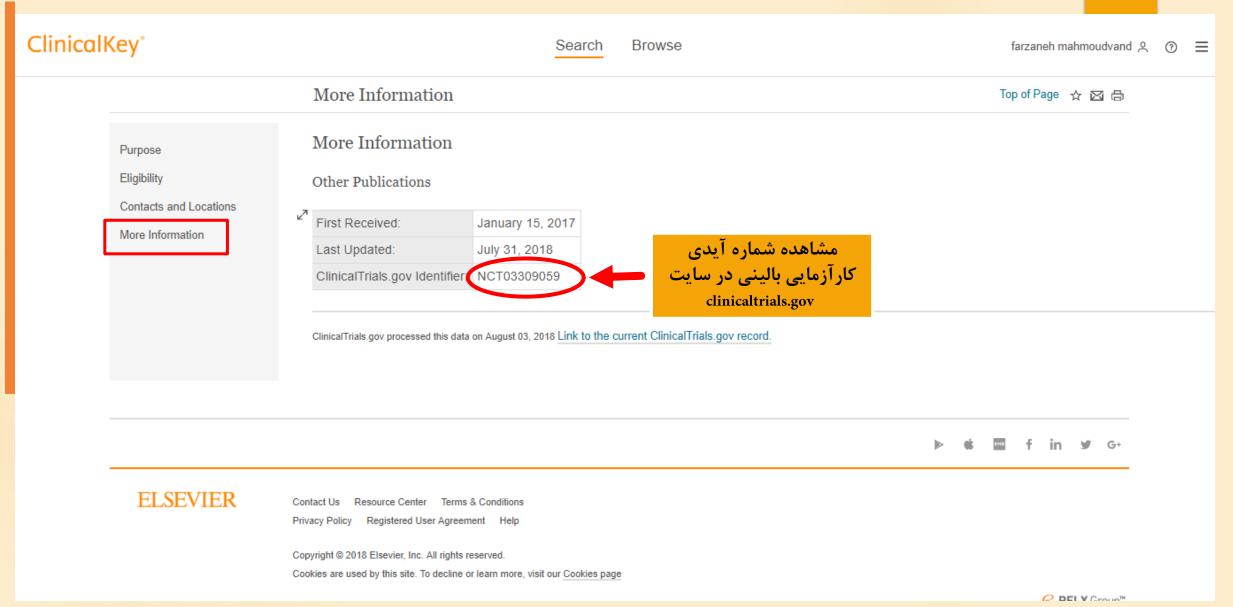
First received on January 15, 2017. Last updated on February 6, 2018.

Purpose

In clinical practice, there are a large number of patients hospitalized with Incontinence-Associated Dermatitis. Studies are needed to determine the effectiveness of products available for disease prevention. It is believed that the use of the non-irritant barrier film is superior to the use of zinc oxide in the prevention of Incontinence-Associated Dermatitis. The objective of this study is to compare the effect of the use of zinc oxide ointment with the use of non-irritant barrier film in the prevention of diaper dermatitis in incontinent patients admitted to medical clinic units.

_		
27	Status	Recruiting
	Condition	Diaper Rash
	Phase	N/A
	Study Type	Interventional
	Official Title	Comparison Between the Effect of Zinc Oxide and Non-irritant Barrier Film on the Prevention of Incontinence-Associated Dermatitis in Hospitalized Elderly in a Teaching Hospital

Further study details (as provided by National Institutes of Health Clinical Center (CC))



Drug Monographs

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امکان جستجوی بیماری و نمایش داروهای مرتبط با آن و یا جستجوی مستقیم نام دارو و مشاهده اطلاعات مربوط به آن

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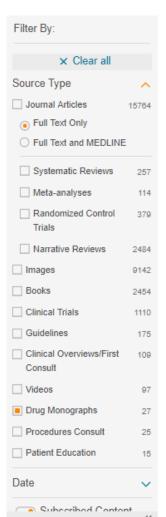
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Multiple Sclerosis

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Gold Standard. Published April 19, 2018.

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Gold Standard. Published July 19, 2018.

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Natalizumab

Gold Standard. Published April 30, 2018.

Searches related to multiple sclerosis

MS complications
MS diagnostics

MS treatment

MS risk factors

MS drugs

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Corticotropin, ACTH

Gold Standard. Published July 28, 2018.

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Glatiramer

Disease Overview View Full Topic

Ferri's Clinical Advisor 2019 · Ferri, Fred F., M.D., F.A.C.P.

Definition Multiple sclerosis (MS) is a chronic predominantly autoimmune demyelinating disease of the central nervous system (CNS) characterized by subacute neurologic deficits correlating with CNS lesions separated in time and space, excluding other possible disease.

Subtypes include:

• Relapsing-remitting MS (RRMS) (82%): relapses followed by complete or near-complete recovery, 50% to 85% of which later transition to SPMS

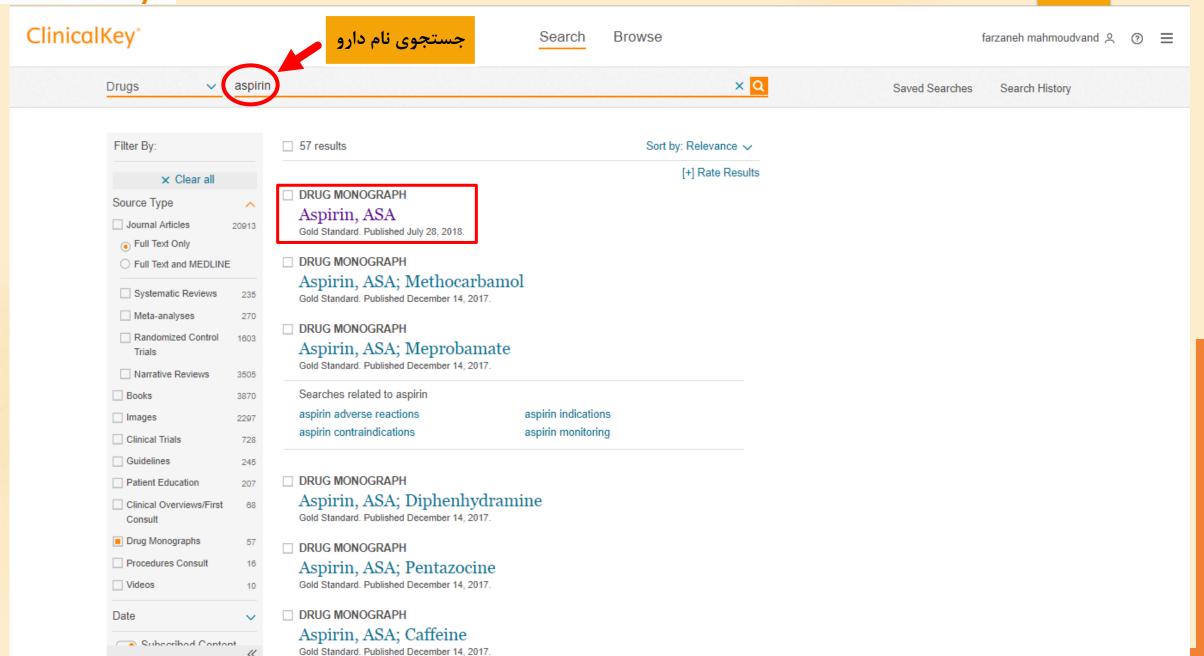
- Secondary progressive MS (SPMS): progression of disability with few or no relapses
- Primary progressive MS (PPMS) (18%): progression from the onset, rare relapses
- Progressive relapsing or relapsing progressive courses can be incorporated into PPMS or SPMS respectively.
- Relapses are defined as a subacute onset of neurologic dysfunction that lasts for at least 24 hr due to inflammatory demyelination.

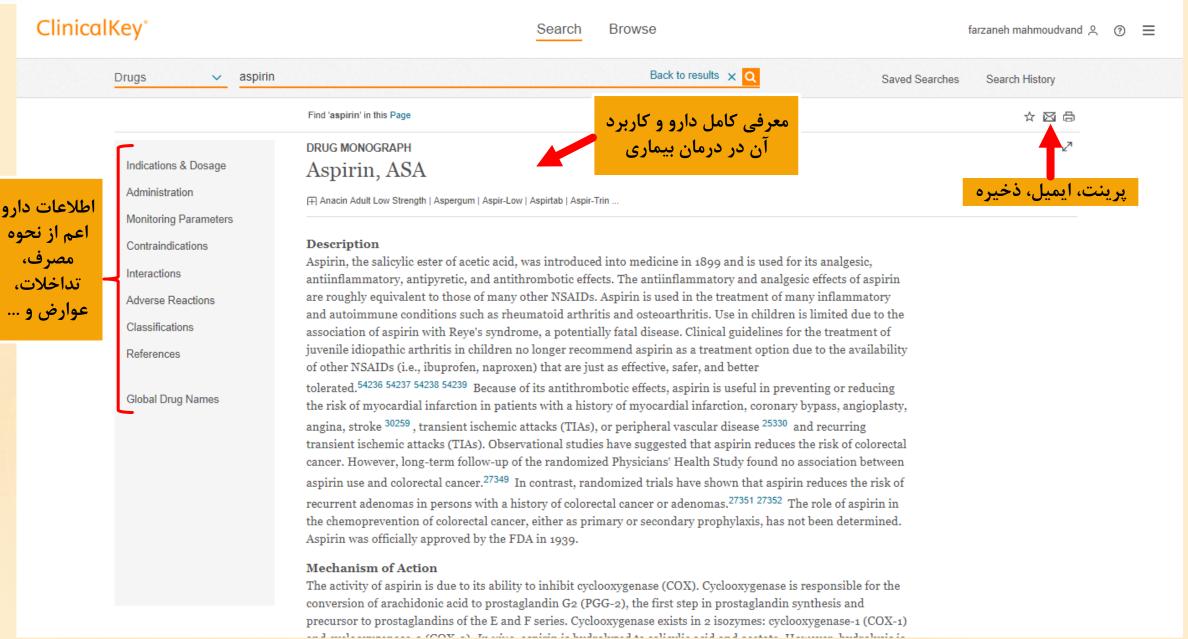
Classic rare MS variants include:

• Marburg variant: MRI reveals a tumor-like lesion with notable edema in one cerebral... More

Genetics

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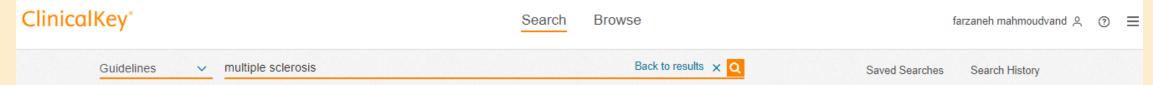


Guidelines

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material and



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Introduction

List of quality statements

Quality statement 1: Support at diagnosis

Quality statement 2: Follow-up after diagnosis

Quality statement 3: Coordinated care

Quality statement 4: Physical activity

Quality statement 5: Managing relapses

Quality statement 6: Comprehensive review

Using the quality standard

Diversity, equality and language

Development sources

Related NICE quality standards

Quality Standards Advisory Committee and NICE project GUIDELINE
Multiple sclerosis (QS108)

National Institute for Health and Care Excellence (NICE)

Introduction

This quality standard covers the diagnosis and management of multiple sclerosis (MS) in adults (18 years and over). For more information see the multiple sclerosis topic overview.

Why this quality standard is needed

MS is an acquired chronic immune-mediated inflammatory condition of the central nervous system, affecting both the brain and spinal cord. People with MS typically develop symptoms in their late 20s, experiencing visual and sensory disturbances, limb weakness, gait problems, and bladder and bowel symptoms. They may initially have partial recovery, but over time develop progressive disability.

The cause of MS is unknown but is believed to be related to an abnormal immune response to environmental triggers in people with a genetic predisposition. The initial phase of inflammation is followed by a phase of progressive degeneration of the affected cells in the nervous system.

MS affects approximately 100,000 people in the UK. It is the commonest cause of serious physical disability in adults of working age.

The most common pattern of disease is relapsing—remitting MS (RRMS), in which periods of stability (remission) are followed by periods when symptoms are worse (relapses). About 85% of people with MS have RRMS at onset. Around two-thirds of people who start with RRMS may develop secondary progressive MS (the disability gradually gets worse over time but this is not related to any relapses, which become less frequent or stop completely). About 10–15% of people with MS have primary progressive MS. Symptoms develop gradually

NICE National Institute for Health and Care Excellence

عنوان مجله

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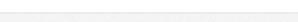
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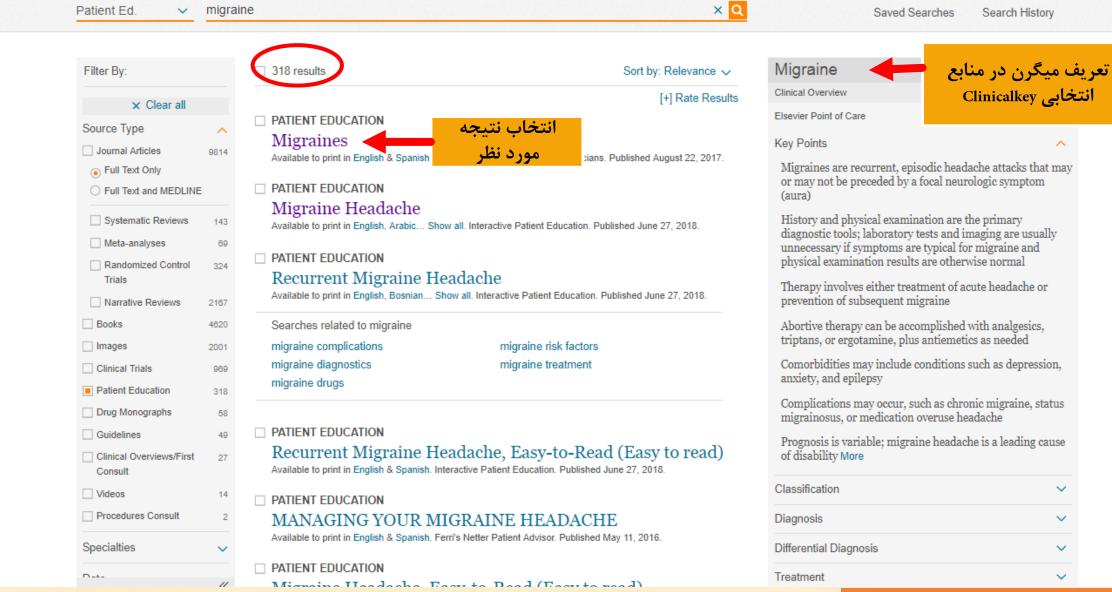
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پرينت

Overview

What is a migraine headache?

Symptoms

Are there different kinds of migraine headaches?

What does a migraine feel

Possible symptoms of migraines

Causes & Risk Factors

What causes migraines?

What are some migraine risk factors and triggers?

Foods that may trigger migraines:

Diagnosis & Tests

How is migraine diagnosed?

Treatment

How are migraines treated?

What medicines help relieve \sim

PATIENT EDUCATION

Migraines

Copyright @ 2017 by the American Academy of Family Physicians. Last revised: August 23, 2017.

This information provides a general overview and may not apply to everyone. Talk to your family doctor to find out if this information applies to you and to get more information on this subject.

Overview

What is a migraine headache?

A migraine is usually an intense pounding headache that can last for hours or even days. The pounding or pulsing pain usually begins in the forehead, the side of the head or around the eyes. The headache gradually gets worse. Just about any movement, activity, bright lights or loud noises seem to make it hurt more. Nausea and vomiting are common.

Migraines may happen only once or twice a year, or as often as daily. Women are more likely to have migraines than men.

Symptoms

Are there different kinds of migraine headaches?

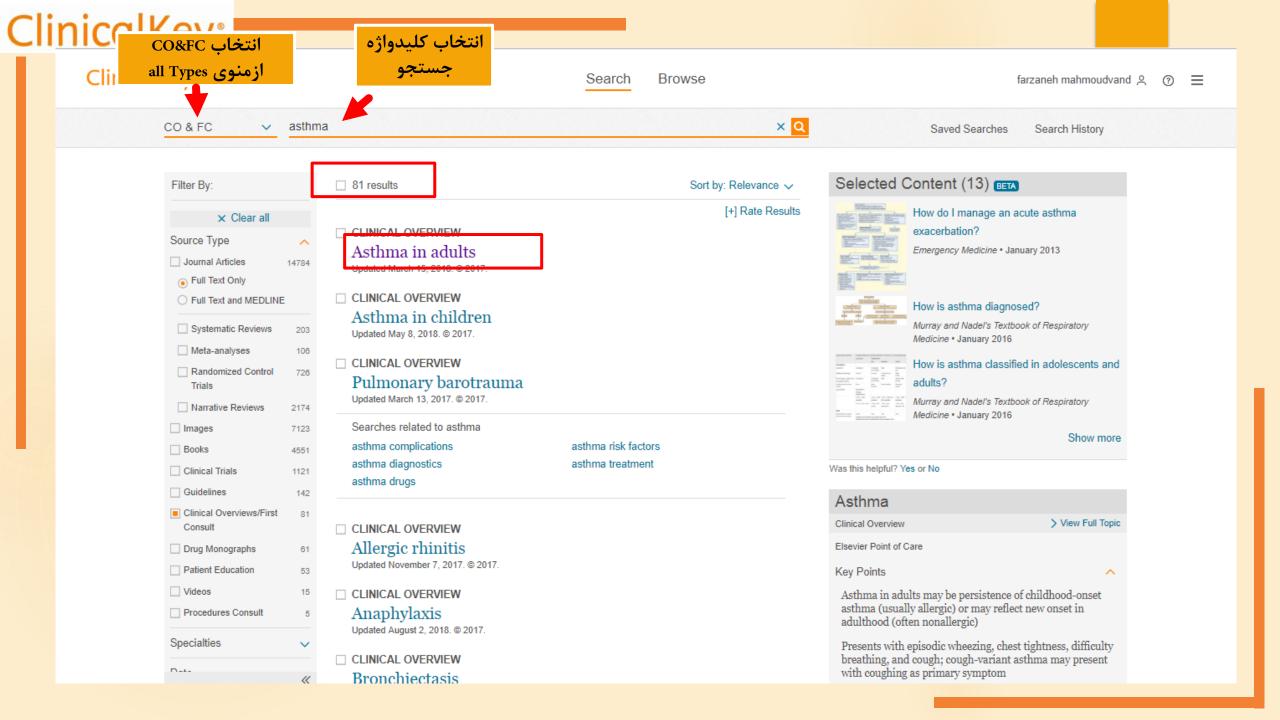
Yes. The most common are classic migraine and common migraine.

Classic migraines start with a warning sign, called an aura. These types of migraines are also called "migraines with aura." The aura often involves changes in the way you see. You may see flashing lights, colors, a pattern of

Clinical Overviews/ First Consult

چستجوی مشورت بالینی از قسمت Search

ابزار تشخیص افتراقی که بر اساس پزشکی مبتنی بر شواهد تهیه شده است.



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Classification

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CLINICAL OVERVIEW

Asthma in adults

Elsevier Point of Care (see details)

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Synopsis

Key Points

· Asthma in adults may be persistence of childhood-onset asthma (usually allergic) or may reflect new onset in adulthood (often nonallergic)

تشخیص و درمان

, chest tightness, difficulty breathing, and cough; cough-variant asthma imary symptom

te history plus clinical picture and documented reversibility of airflow obstruction (12% increase or more from baseline in FEV1; minimum 200 mL) following treatment with an inhaled short-acting bronchodilator 1

- · Classify the asthma initially by frequency of symptoms (intermittent or persistent) and their effect on daily functioning (ie, mild, moderate, severe); initial pharmacotherapy is based on this classification
- After starting pharmacotherapy, classify the asthma by level of control; pharmacotherapies are stepped up or down based on this level
- · Persistent asthma requires use of a daily controller medication, starting with a low-dose inhaled corticosteroid for mild persistent asthma. There is some evidence that starting inhaled corticosteroids may be beneficial even for mild intermittent asthma

Urgent Action

- · Quickly assess the following in any patient with respiratory distress: vital signs, signs of tiring from work of breathing, lung function, and oxygen saturation. Give supplemental oxygen to maintain SaO2 of at least 90%
- Consider alternative diagnoses, such as foreign body aspiration or congestive heart failure, that would require other urgent action
- FEV1 or peak expiratory flow measurement is helpful to assess severity of an exacerbation, but do not allow testing to delay treatment



Treatment

Goals

Disposition

Treatment Options

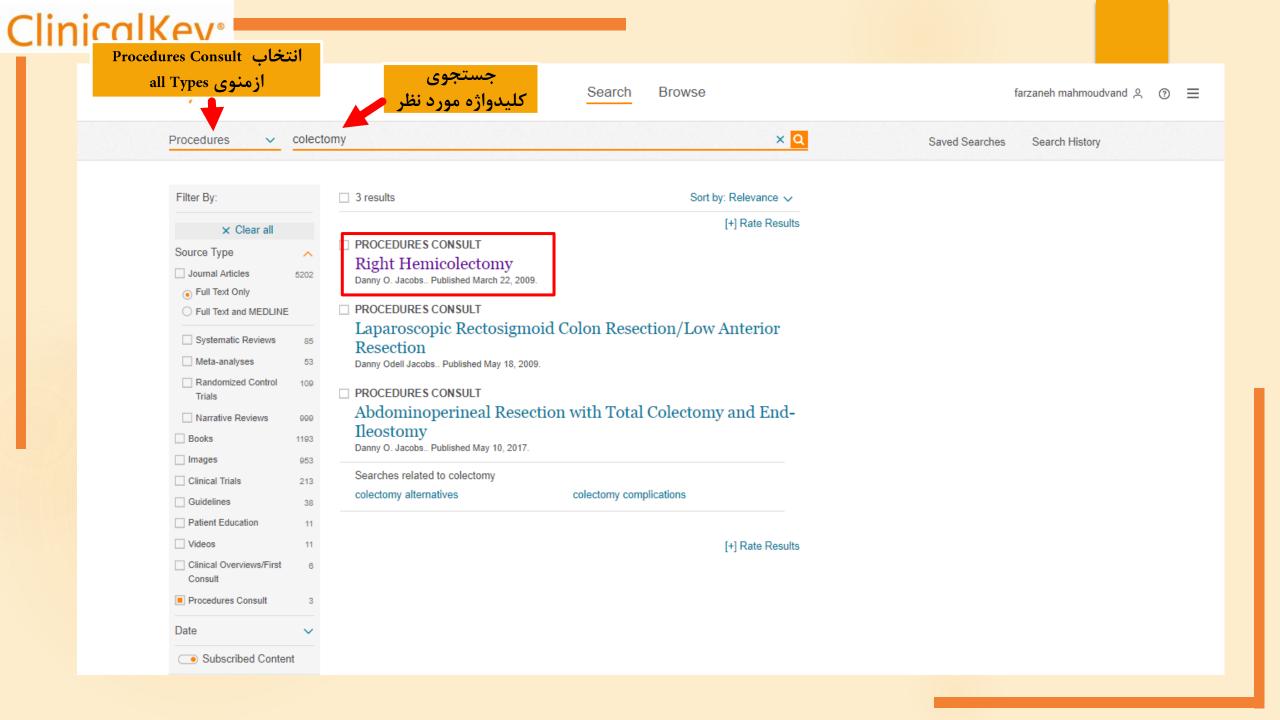
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Right Hemicolectomy



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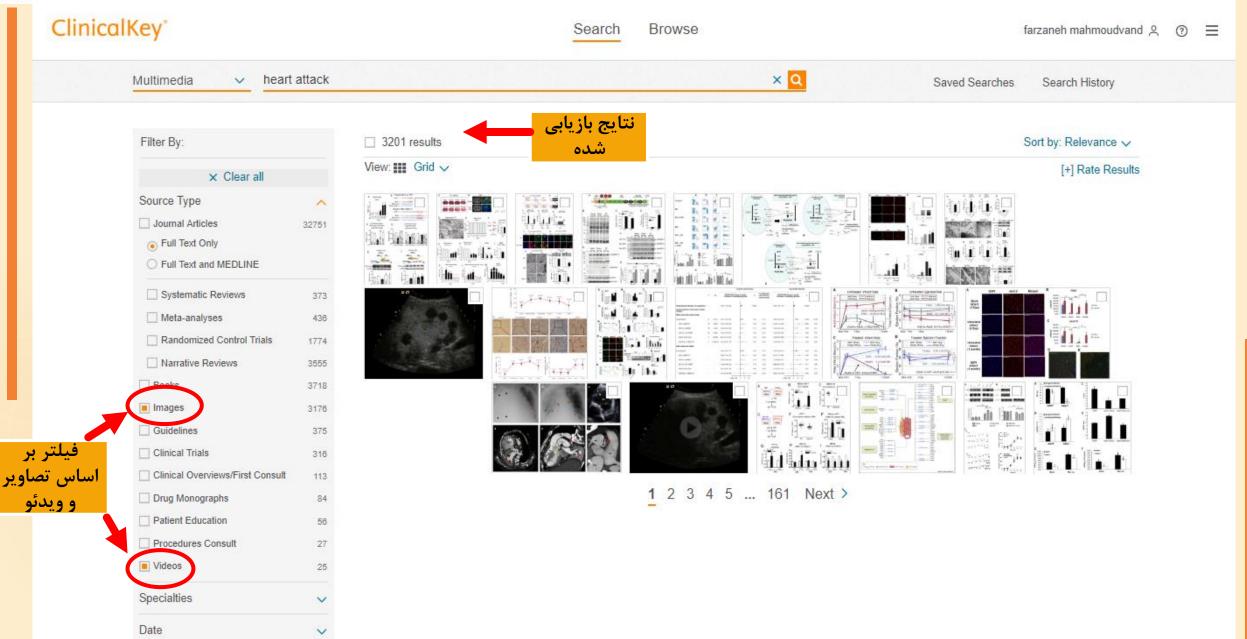
44140 Colectomy, partial; with anastomosis

44141 Colectomy, partial; with skin level cecostomy or colostomy

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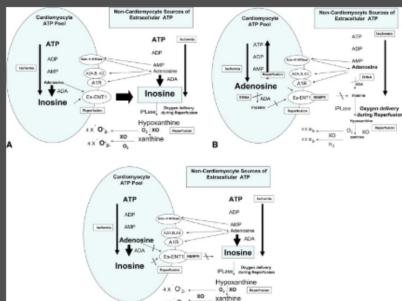
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IMAGE

Myocardial protection in beating heart cardiac surgery: I: Pre- or postconditioning with inhibition of es-ENT1 nucleoside transporter and adenosine deaminase attenuates post-MI reperfusion-mediated ventricular fibrillation and regional contractile dysfunction

ایمیل، پرینت، افزودن به

پاور پوینت و ذخیره تصویر

Journal of Thoracic and Cardiovascular Surgery, The.

Abd-Elfattah, Anwar Saad, MS, PhD, FAHA, AFSTS;... Show all. Published July 1, 2012. Volume 144, Issue 1. Pages 250-255.e3. © 2012.

Figure E1 Role of adenine nucleosides metabolism and transport by way of es-NT1 (compartmentalization) in purine-mediated post-myocardial infarction reperfusion injury. The figure illustrates purine metabolism and compartmentalization in relation to ischemic and reperfusion injury in the untreated control group (A). Ischemia is associated with intracellular adenosine triphosphate (ATP) depletion. Sympathetic stimulation at the onset of ischemia results in neurotransmitter and ATP co-release,

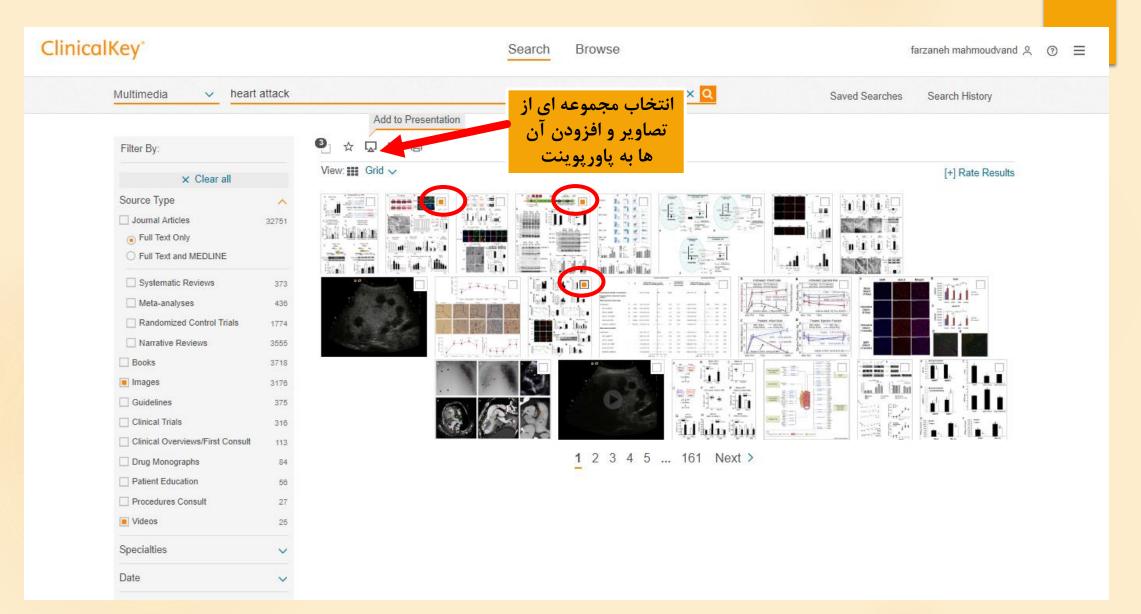
elevating extracellular ATP. Ecto- and endo-5'-nucleotidase (endo) and adenosine deaminase continue breaking down ATP and adenosine monopho sphate (AMP) during ischemia to adenosine in the intracellular and extracellular compartments. Adenosine is rapidly deaminated to inosine by adenosine deaminase. Extracellular inosine is converted by inosine phosphorylase (IPLase) to hypoxanthine, and the latter is oxidized to xanthine and superoxide radicals during cardiac ischemia and reperfusion. Intracellular inosine and the remaining adenosine are rapidly released on reperfusion by way of the p-nitrobenzylthioinosine (NBMPR) -sensitive adenine nucleoside transporter-1 (es-ENT1), allowing abrupt formation of hypoxanthine, xanthine, and free radicals. The effect of preischemic treatment with EHNA/NBMPR of purine metabolism and compartmentalization is depicted in part B. Adenosine is maintained inside and outside cells. C, Effect of MI postconditioning with EHNA/NBMPR. Intracellular inosine is the major end product of ATP depletion during ischemia. Similar to the control group, noncardiac ATP is broken down to xanthine, producing free radicals in the circulation. Infusion of EHNA/NBMPR after MI but before releasing the left anterior descending coronary artery occlusion allowed entrapment of intracellular inosine, limiting the reperfusion injury mediated by free radicals. ADP, Adenosine diphosphate; AMP, adenosine monophosphate; ecto-5 ' NTDase, 5'-nucleotidase; es-ENT1, equilibrative p-nitro-benzylthioinosine (NBMPR) -sensitive adenine nucleoside transport 1; A1R, adenosine receptor 1; IPLase, inosine phosphorylase; XO, xanthine oxidase; O2, molecular oxygen; O-2, superoxide radical. The font size reflects the amount of purine at ischemia or reperfusion.

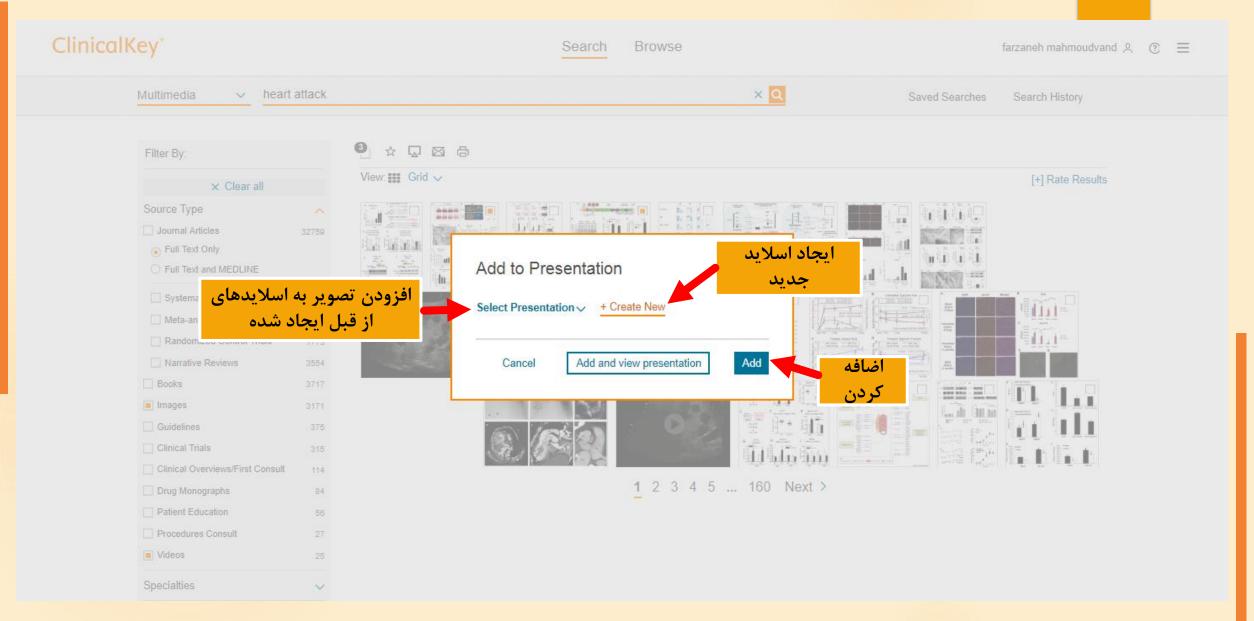
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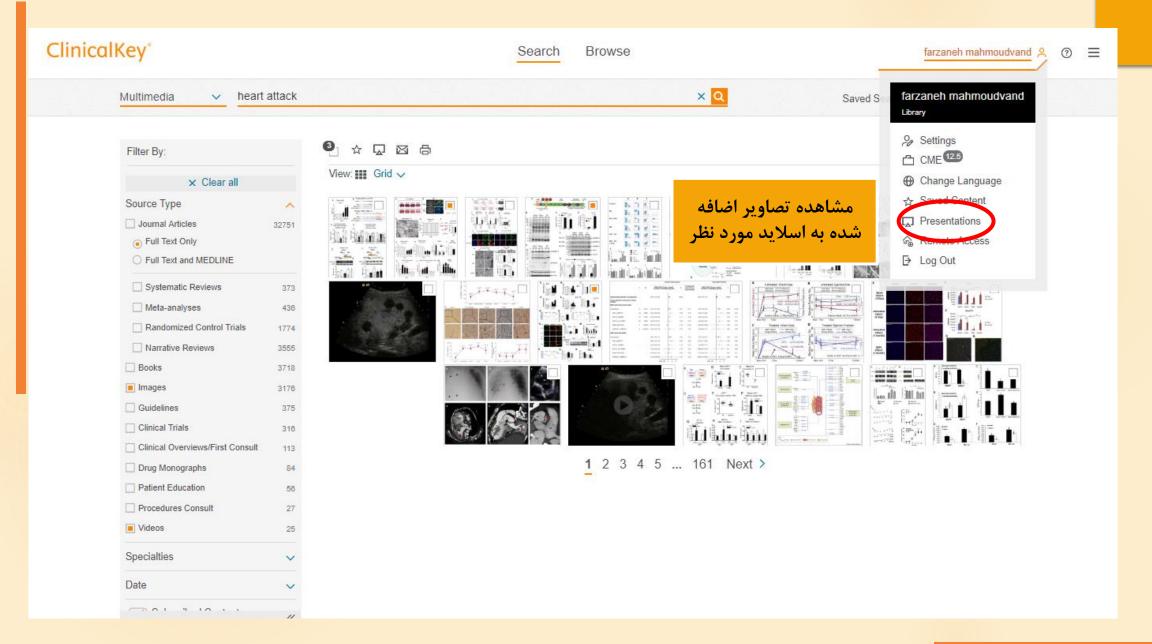
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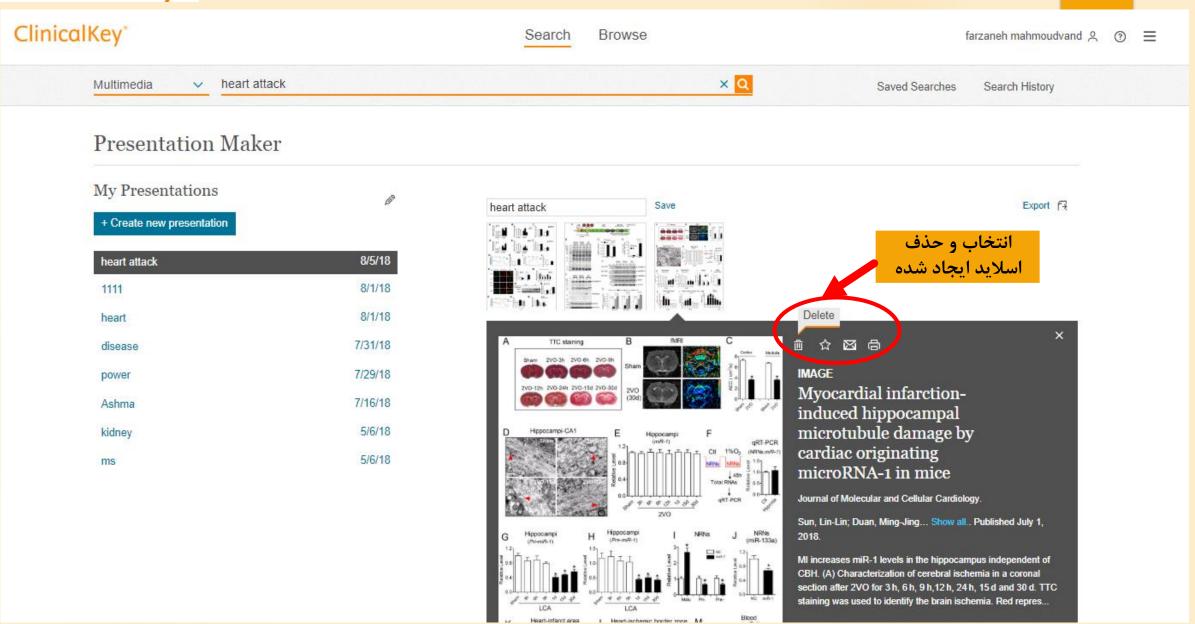








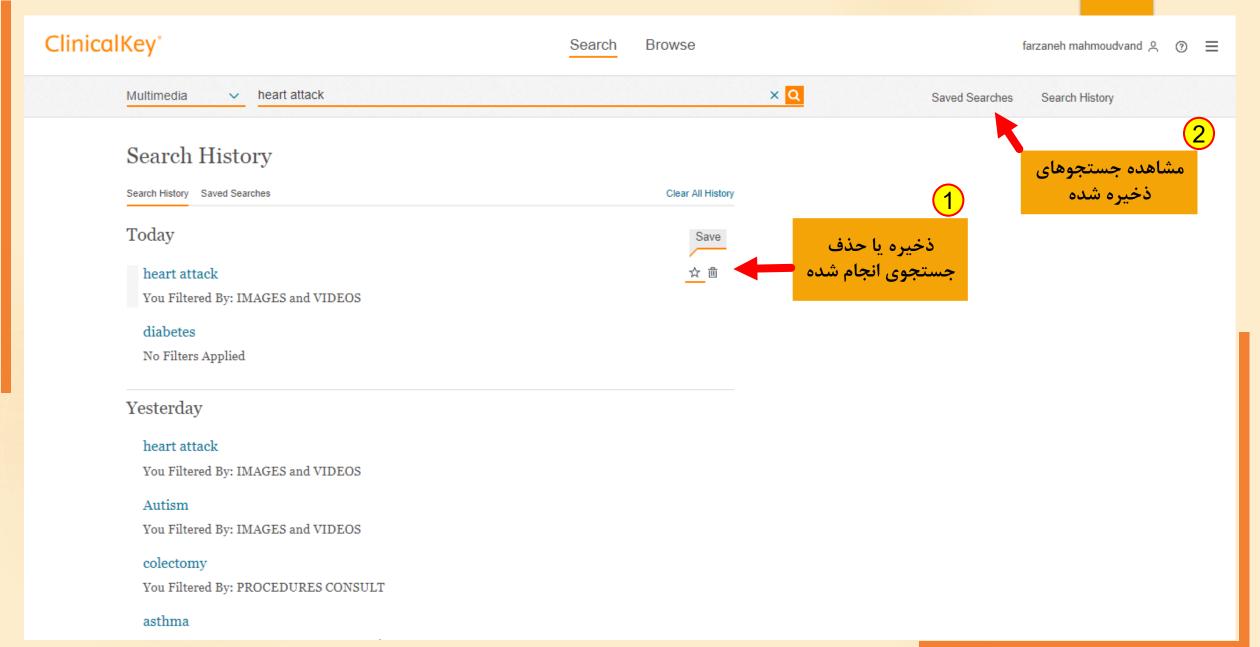






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