

Let's Talk – Journal Club.

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Let's Talk Journal Clubs



Carolyn L. Davidson
Kathy Baker
Michele Maron
Vickie Cunningham
Ken Miller

A PASSION FOR BETTER MEDICINE.™



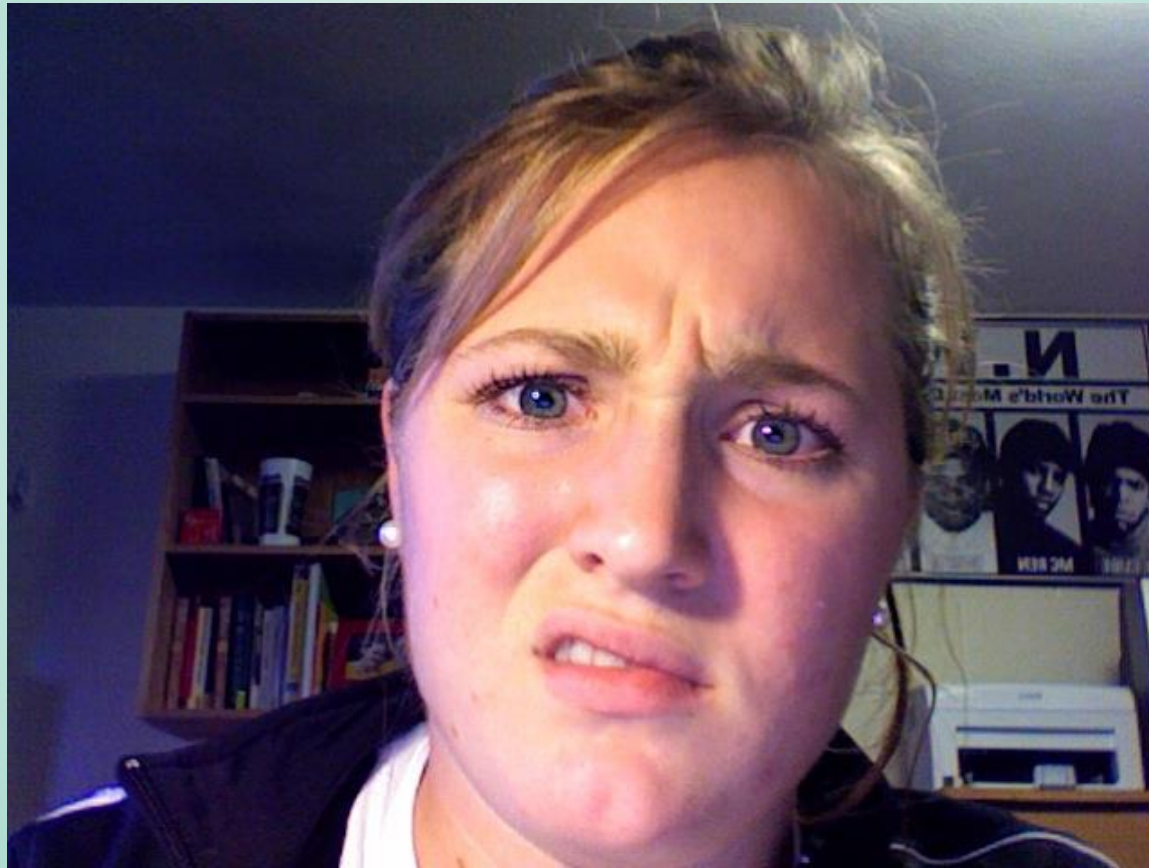
Objectives

- Describe the role of Journal Clubs in daily patient care.
- Identify key principles of a clinically effective journal club. (Kathy)
- List the benefits of implementing a departmental Journal Club. (Michelle)
- List the Home Care Journal Club process and benefits. (Vickie)
- Define the Respiratory Care Journal Club vision statement and process. (Ken)

Objective

- Describe the role of Journal Clubs in daily patient care.
 - I. WHY this Mode
 - a. Model for learning research
 - b. Venue for discussion of critical or new topics
 - c. Current practice reflection





WHY?

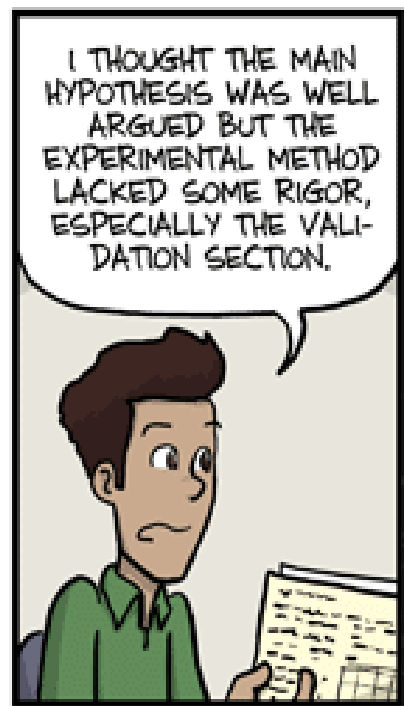
- Healthcare delivery in constant change
 - 19 articles/365 days per year
- Adoption of new information
 - 17 years to adopt
- Years of work
 - 50 years to rid our practice of something wrong, and
 - 100 years to introduce something new into our practice

WHY this Mode?

A journal club is a group of people that meets regularly.

Participants typically voice their views related to a *critical appraisal framework* such as the **methodology** used, appropriateness of the **research design**, the **statistics** used, the **strengths and weaknesses** of the findings, and the **clinical relevance** that might lead to new research or to new clinical applications.

Since the formation of the first documented journal club over **130 years ago**, the organization and purpose of this academic tool has gone through many changes.



JORGE CHAM © 2008

Why?

- Nursing practice is intricate and multifaceted. It requires the application of current, health-related research.
- Nurses are expected to employ evidence-informed practice in making decisions about the clinical care of their clients/patients.
- MAGNET

Model for learning research



- One of the obstacles to research utilization that nurses have noted is the **inability** to understand, critique and interpret data found in research journals (Kleinpell, 2002)
- It is believed that journal club participation may help nurses **gain experience and comfort** in reading research articles, recognizing well-conducted studies, and cultivating an environment that supports basing clinical practice on the best evidence available (Kleinpell, 2002).
- It is believed that journal clubs are a method that nursing administrators can introduce to **foster cost-effective, high-quality patient care** (Vratny & Shriver, 2007).

Learning Research

- Teaches Research Skills
- Promotes Critical thinking
- Highlights the research process...
"the formula"
- Development of skills for researchers
- Reading and critiquing helps you write

Venue for discussion of critical or new topics

- Nurses in all fields must remain current with an ever-expanding volume of knowledge.
- Using best practices enables nurses to provide the highest quality of care in meeting the multifaceted needs of patients, families, and the health care organization.

Current practice reflection

- The advantages of using a journal club are that **you and your peers** can keep current with new knowledge, **learn** to evaluate the strength of the evidence, **promote** implementation of new knowledge into practice and improve patient outcomes.



Key Principles of a Clinically Effective Journal Club

Kathy Baker

Community Health and Health Studies

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Where to Start?

- Determine WHY of the Journal Club.
 - Learn and apply research as a basis for practice.
 - Translate research studies into understandable language.
 - Help develop skills to critically analyze research.
 - Weed out bad research so it is not applied to practice.
 - Help staff negotiate electronic libraries.
 - Clinicians need to be life long learners

Evaluation Plan

- Measure, Measure, Measure.
 - Document where your staff is..
 - Readiness
 - Interest
 - Skills
 - Obtain measurement tool that addresses the very purpose of your Journal Club.
 - This data will help document advancements and area to address in future JC's

Administration of Journal Club

- Determine format
 - Article review; mini learning sessions
 - CE – number of words
 - 30 minutes
 - Brown bag
- Provide agenda
 - Appoint meeting presenter
 - Provide agenda.
- Provide relaxed environment but keep it moving
- Promote everyone to participate
- Rotate presenters and allow members to provide future articles for review.

Selecting the First Article

- Keep theme compatible with JC purpose.
- Keep it clear and concise
 - EBP
 - Quality
 - Research
- Article should be a spring board for future articles.
- Provide article in a timely manner
- Participants should be encouraged to choose next article or subject for next review

Template for Critical Analysis of the Article

- Purpose
- Clinical Significance
- Literature review appropriate
- Sample
- Type of research
- Methods for data collection
- Results
- Implications for practice.

BARRIERS

- Lack of skill and confidence
 - Life long learning requires consuming best evidence
 - Learn together
- Lack of motivation
 - Set regular times
 - Relaxed setting
 - Set expectations
 - Make topic pertinent to care
- Overcoming the norm of-"We're fine. We do not need this."
 - Reflect on current practice with staff and ask is this the best way?
 - Start an investigative process for a need on unit.
 - Evaluate current policy or procedure.

Evaluate Journal Club

- Thoughts about first meeting?
- What would make it better?
- How to handle the presentation rotation?
- Encourage interest?

Contact Information: kathy.baker@lvhn.org

Let's Talk.....

Infection Control & Prevention Journal Club

**Michelle Maron, BSN, RN, CIC
Infection Preventionist**

Journal Clubs

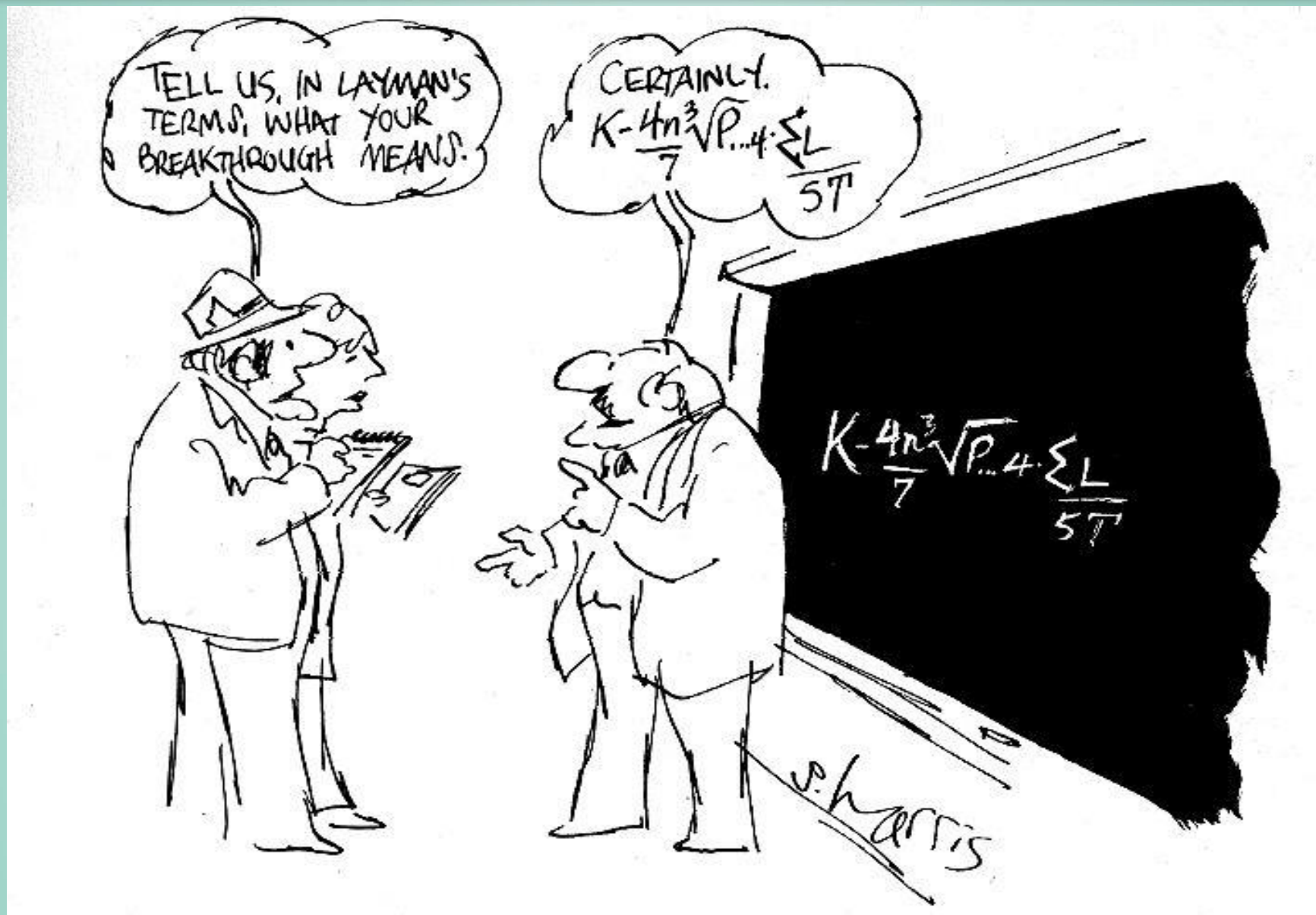
- Group of individuals who meet regularly to critically evaluate recent articles in scientific literature
- Organized around a defined subject
- Platform to voice your views
- Used to Educate

Benefits of implementing a departmental Journal Club

- Obtain up to date information on infection control and prevention topics in current publications
- Provides an ideal setting to review evidence based research
- Enables collaborative approach to review updates and develop changes to internal processes

Benefits of implementing a departmental Journal Club

- Peers have the opportunity to share their expertise in different specialties.
- Value Added
- Occurs over lunch



Thank You

Home Health Virtual Journal Club

Vickie Cunningham, BSN,
RN, BC, CCP
Clinical Director, Home Care

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Why Develop a Journal Club for Home Care?

- Evidence Based Practice
- Development of EBP skills
- Enhance Clinical Interventions
- Enhance Patient Care

How to a Facilitate Journal Club for Distance Learners?

- Use of The Learning Curve
 - E- learning modules
 - Article
 - CEUs
 - Discussion Board

Implementation

- Offered twice a year
- Discussion open for approximately 2 months

Evidence Based Practice

- Fineout-Overholt, E., Melnyk, B.M., & Schultz, A., (2005). Transforming health care from the inside out: advancing evidence-based practice in the 21st century. *Journal of Professional Nursing, 21(6)*, 335-344.
 - CEU questions
 - Discussion questions
 - What barriers do you see to the implementation of Evidence Based Practice?
 - What advantages are there to the implementation of Evidence Based Practice?
 - How would you go about initiating an Evidence Based Practice change in Home Care and /or Hospice?

Outcomes

- 12 people participated
- Learned EBP Principles

Heart Failure

- *Herbert, P.L., Sisk, J.E., Wang, J.J., Tuzzio, L., Casabianca, J.M., Chassin, M.R., Horowitz, C. & McLaughlin, M.A., (2008). Cost-effectiveness of nurse led disease management for heart failure in an ethnically diverse urban community. Annuals of Internal Medicine, 149(8), 540-548.*
 - CEU Questions
 - Discussion Questions
 - If you were creating a research study for patients w/HF to reduce hospitalization what would it look like? What would your population be? How would you intervene with the population? What outcomes would you measure?



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Home > Collaborate - Collaboration Centers > Homecare Journal Club: Research on Reducing Hospitalization in Patients with Chronic Heart Failure

Monday, December 20, 2010 2:09:57 PM EST
 VICKIE CUNNINGHAM



Homecare Journal Club: Research on Reducing Hospitalization in Patients with Chronic Heart Failure

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<input type="checkbox"/>	RE: Discussion Question	VICKIE CUNNINGHAM			Today
<input type="checkbox"/>	RE: Discussion Question	HOPE MCADAM			12/16/2010

Subject: RE: Discussion Question ... HOPE MCADAM

Because we understand that population demographics will greatly effect health care outcomes in any community, I think I would like to start with a research project designed to target a very specific patient group. Perhaps by segregating by income status to start, outcome information may yield interesting results specific to that group. In other words, if we can identify what works in this group we might be able to apply it to others. The intervention would be homecare nursing visits to identify and teach strategies. Telephone monitoring of vital signs would also be necessary to collect data. With education and self monitoring, the results should show improved outcomes including less rehospitalizations. If this population can show positive results, challenges faced by low income or low

Attachment:

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<input type="checkbox"/> RE: Discussion Question	CHRISTINE RENNINGER	1/25/2011
<input type="checkbox"/> RE: Discussion Question	RITA FERRARA	1/21/2011
<input type="checkbox"/> RE: Discussion Question	VICKIE CUNNINGHAM	1/12/2011
<input type="checkbox"/> RE: Discussion Question	VICKIE CUNNINGHAM	12/20/2010
<input type="checkbox"/> RE: Discussion Question	CHRISTINE RENNINGER	1/25/2011
<input type="checkbox"/> RE: Discussion Question	HOPE MCADAM	12/16/2010
<input type="checkbox"/> RE: Discussion Question	CHARLENE	12/22/2010

Subject:RE: Discussion Question ... CHRISTINE RENNINGER

This is an awesome idea. I firmly believe that most patients are noncompliant, not because they just don't want to manage their disease process, but because they do not have the appropriate resources and motivation to adequately and successfully manage their disease process. I think it would be great if patients could be on a long term telemedicine program with a health coach after home care has provided all of the education necessary for the patient to manage their disease process, or have home care follow for longer periods such as a frequency and duration of 3 w 1, 2-3 w 2, 1-3 w 6, then 1-2 times per month depending how chronic their disease process is.

Attachment:

Notify me when this thread changes

Practice Change

- Longer heart failure episodes
- Enhanced telemedicine utilization
- Clinician support for co-horting of Heart Failure patients on Cardiac team
- Buy-in comes with learning and understanding

Medication Use Among Older Adults

- Current Article
- DeBartolomeo-Mager, D. & Madigan, E.A., (2010). Medication use among older adults in a home care setting. *Home Healthcare Nurse* 28(1), 14-21.
 - CEU Questions
 - Discussion Question
 - Based on the information in the article and your experience, what interventions do you feel may be helpful in assisting patients in adhering to their medication plan?

Outcomes

- 10 – 15 nursing staff of all levels participated in each session
- Enhanced nurses knowledge of EBP principles
- Enhanced nurses critical appraisal skills
- Participation in network research initiatives

Questions?

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Cedar Crest



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Muhlenberg



8 Health Centers

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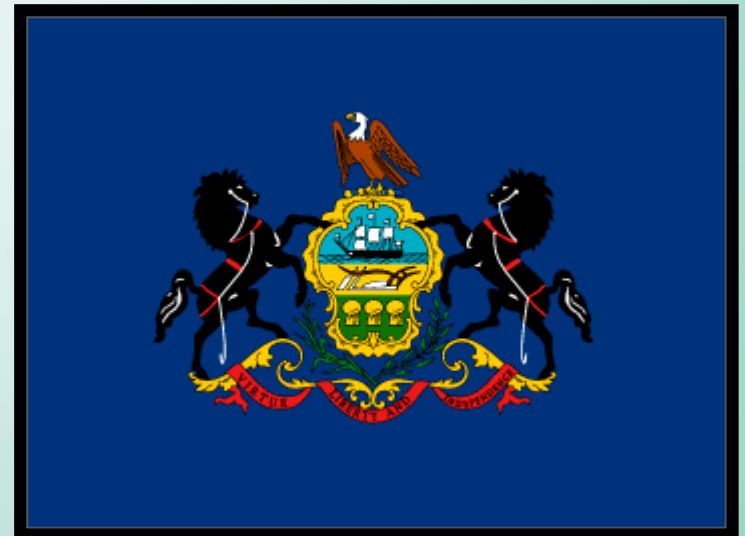
The Utilization Of A Respiratory Care Journal Club To Facilitate State Continuing Educational Credits

Kenneth Miller MEd, RRT-NPS
Linda Cornman, RRT-NPS
Steve Pyne, RRT
Angela Lutz, RRT-NPS

Introduction

Pennsylvania Educational Requirements

- 30 CEUs required to maintain licensure
- 10 CEUs acquired by active participation
- 1 CEU required in Ethics and Patient Safety



Journal Club Vision

- To examine the current literature and determine its impact on our department's current practices.
- To expand our knowledge regarding the research process and to understand how to critically review peer journals.
- Network with other disciplines to optimize patient outcomes

Steps to the Development of a Journal Club

- Develop a committee charter
- Selection of members
- Meeting expectations
- Standardization of article review process
 - summary sheet

Journal Club Members

- Staff Practitioners
- Medical Residents
- Departmental Medical Director
- Respiratory Students
- Critical Care RNs

Journal Club Meeting Process

- Meets monthly 0715-0815.
- Two articles are reviewed monthly and presented by club members.
- An article review summary sheet is completed and presented at the monthly meeting.
- Peer journal articles are distributed after each meeting to every club member.
- Monthly meeting minutes are distributed to all members along with article review sheets.
- Meetings open to all staff and other clinical team members.

VOLUME 16 | NUMBER 11 | SEPTEMBER 2016

EUROPEAN RESPIRATORY review

THE RESPIRATORY PROFESSIONAL'S QUARTERLY UPDATE
ON MEDICINE, SCIENCE AND SURGERY

European Respiratory Update
Non-small cell lung cancer
Reviews / The challenge of targeting EGFR: experience sets guidelines in non-small cell lung cancer? Optimising the management of pulmonary arterial hypertension patients: emerging treatments.
Case report / Misdiagnosis of small intestine due to metastasis of large cell carcinoma of the lung with a mutated phenotype



EUROPEAN RESPIRATORY SOCIETY

CHEST | Volume 162 | Number 11 | June 1, 2016



CHEST

Official publication of the American College of Chest Physicians

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ELSEVIER

VINDICO

Pediatric Respiratory Disease

Defining the Field and Reducing the Burden of Respiratory Syncytial Virus

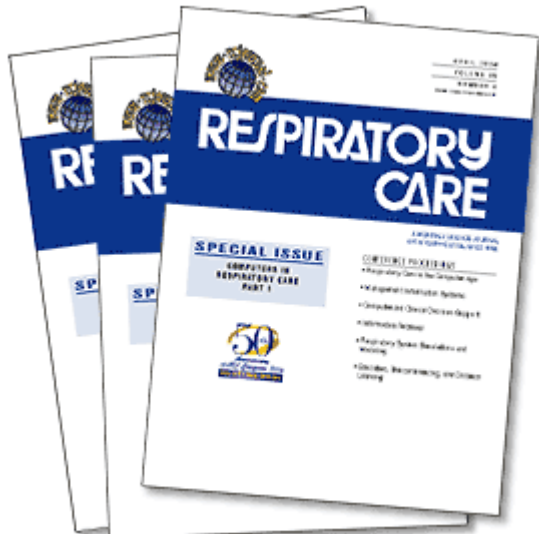


CME Learning Objectives

- Identify the clinical presentation of RSV in children.
- Describe the epidemiology of RSV in children.
- Discuss the role of RSV in the pathogenesis of pediatric respiratory disease.
- Review the current management of RSV in children.
- Discuss the role of RSV in the pathogenesis of pediatric respiratory disease.

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RESPIRATORY CARE

SPECIAL ISSUE

COPD IN RESPIRATORY CARE PART 1

CONTENTS:

- Prevalence of COPD in the Geriatric Age
- Management of COPD: A Review
- Diagnosis of COPD: Current Status
- Nonpharmacologic Therapy
- High-City System Evaluation of COPD
- Diagnosis, Management, and Clinical Outcomes

Journal Club Outcomes

- Enhances learning germane to current practices.
- Promotes the review and discussion of evidence-base outcomes.
- Helps develop skills to critically examine study designs and clinical results.
- Integrates clinical findings to current practice.
- Improves staff satisfaction.
- Facilitates the ability to obtain a large portion of state required CEUs.

Conclusion

- Journal Club provides an educational forum to help fulfill state licensure requirements.
- Journal Club helps evaluate current clinical practices in terms of evidence based outcomes.
- Journal Club improves staff satisfaction.