Re-inventing the Wheel

ED Journal Club

4 November 2016

Matt Shepherd | Emergency Physician & DEmT | Tamworth Hospital

Postgraduate Medical Education

The journal club and medical education: over one hundred years of unrecorded history

Mark Linzer

Department of Community Medicine, Mount Sinai Medical Center, New York, NY, the Department of Medicine, Montefiore Medical Center and the Albert Einstein College of Medicine, Bronx, NY and the Division of General Internal Medicine, Duke University Medical Center, Durham, NC. USA.
Paget describes a club of the “elite” medical students from St Bartholomew’s Hospital who would get together and read journals.

Cushing describes a more formal education session where Osler organised a meeting in Montreal in 1875.
Paget’s Journal Club today?
concepts

- “Neutral / Separate” location; dinner and drinks with colleagues (≈6 weeks)

- “Marquis Players” to lead discussion, but the forum should have relevance / be of interest to all stages of training and frequently all health sciences

- Clinical Leader - choose the topic & find the key articles
concepts

- Tell a story and incorporate lay media and medical podcasts

- It should be part of a culture that “education is important” in our ED

- It should be only one component of an effective education program
Example – Atrial Fibrillation
Example – Atrial Fibrillation

3x FLYERs in the ED
Tea room, Acute,
Fast Track:

usually 1-2 weeks
before the date

send a reminder email
2-3 days before

ED JOURNAL CLUB

Thursday 16th June
@ The Tamworth Hotel
6:30pm for dinner / drinks

Is it all A Fib?:
controlling the rhythm, controlling the rate,
& choosing to anti-coagulate…

---------------------------------------------
Example – Atrial Fibrillation

<p>| |</p>
<table>
<thead>
<tr>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1&gt; Reading from Cecil &amp; Loeb 1964</td>
</tr>
<tr>
<td>2&gt; Natural History of AF – TA</td>
</tr>
<tr>
<td>3&gt; Stroke Prevention in AF – SM</td>
</tr>
<tr>
<td>4&gt; A Brief History of Warfarin</td>
</tr>
<tr>
<td>5&gt; The New Rat Poison – CB</td>
</tr>
<tr>
<td>6&gt; Poisoning Rats Older than 80 – SH</td>
</tr>
<tr>
<td>7&gt; EMA May 2003 – AFFIRM and RACE trials</td>
</tr>
<tr>
<td>8&gt; The Aggressive Ottawa Protocol – NR</td>
</tr>
<tr>
<td>9&gt; EMRAP April 2015 Paper Chase 4</td>
</tr>
<tr>
<td>10&gt; Thrombolysis in AF patients – FM</td>
</tr>
<tr>
<td>11&gt; Finnish Cowboys – DS</td>
</tr>
</tbody>
</table>

- mix it up – 2 articles then a lay story or podcast
- podcast replays only go for 5 minutes
- half-time Interval for toilet / drinks / dessert
- content finished by 9:30pm
Example – Atrial Fibrillation

**Article abstract**—Chronic atrial fibrillation (AF) as a precursor of stroke was assessed over 24 years of follow-up of the general population sample at Framingham, Massachusetts. Persons with chronic established AF, with or without rheumatic heart disease (RHD), are at greatly increased risk of stroke, and the stroke is probably due to embolism. Chronic AF in the absence of RHD is associated with more than a fivefold increase in stroke incidence, while AF with RHD has a 17-fold increase. Stroke occurrence increased as duration of AF increased, with no evidence of a particularly vulnerable period. Chronic idiopathic AF is an important precursor of cerebral embolism. Controlled trials of anticoagulants or antiarrhythmic agents in persons with chronic AF may demonstrate if strokes can be prevented in this highly susceptible group.

**NEUROLOGY 28: 973-977, October 1978**

**Epidemiologic assessment of chronic atrial fibrillation and risk of stroke: The Framingham Study**

Example – Atrial Fibrillation

Stroke Prevention in Atrial Fibrillation Study

Final Results

Stroke Prevention in Atrial Fibrillation Investigators*

*Circulation Vol 84, No 2 August 1991
Example – Atrial Fibrillation

Thromboembolic Complications After Cardioversion of Acute Atrial Fibrillation
The FinCV (Finnish CardioVersion) Study
K. E. Juhani Airaksinen, MD, PhD,* Toni Grönberg, BM,* Ilpo Nuotio, MD, PhD;†
Marko Nikkinen, MD,‡ Antti Ylitalo, MD, PhD;§ Fausto Biancari, MD, PhD;||
Juha E. K. Hartikainen, MD, PhD‡
Turku, Kuopio, Pori, and Oulu, Finland
#makeitfun #ownership
Questions?