

## Brooks Geriatric & Neurologic Residency Program

### Journal Club

**Syllabus:** Located in the Geriatric and Neurologic Residency folder on the S: drive

**Objective:** The primary goal is to critically appraise and present an article such that discussion is generated among your peers in attendance at Journal Club. Choose an article that is an original diagnostic, prognostic, or intervention study. Therefore, a case report, review article, perspective article, or feasibility study would not be appropriate articles to choose for journal club.

**Diagnostic Study:** One about the reliability or validity of a test or outcome measure or some process like a clinical prediction rule or cluster of tests that distinguish participants who do or do not have a specific issue or health condition. The statistical analysis in this type of study may include Sn, Sp, and LR<sub>s</sub>.

**Prognostic Study:** One that studies outcomes over time. It may look at the precision or the validity of estimates made about a condition or a recovery process over time. Usually the kinds of statistical analysis in this type of research may include hypothesis testing, descriptive statistics, regression analysis, odds ratios.

**Intervention Study:** One that compares two or more interventions/intervention strategies on one or more samples or cohorts of people. Statistical analysis may include descriptive statistics, p values, effect size, number needed to treat.

Please address any unfamiliar content (hypothesis testing, research design, interpretation of statistical tests, etc.) in the article you choose to present. Do the best you can with this content. The goal is to become proficient at reading, understanding and interpreting this content. You will develop this ability over time with exposure. Journal Club is simply one way to help you do this. Remember the ultimate goal of JC is to critically appraise the literature for incorporating evidence into everyday practice.

**Guidelines:** Current Geriatric and Neurologic PT and OT Residents will work in groups of 2-3. The group will select an article to present during their assigned Journal Club presentation date and send out to Jackie Osborne at [Jackie.Osborne@brooksrehab.org](mailto:Jackie.Osborne@brooksrehab.org) no later than 2 weeks prior to the presentation date. The article will be reviewed upon receipt and approved as soon as possible. Please wait until the article is approved before preparing it for your Journal Club presentation. The format of the journal club presentation is loose and is intended to facilitate your learning and understanding of the material. A power point

presentation or handout is not required but may certainly be utilized. I will present the first Journal Club on [8/16/2017](#) so that you can see one approach to critically appraising and presenting a journal club article. Please use the document titled, "Article Appraisal Template" found in the Geriatric and Neurologic Residency folder on the S: drive as a template for preparing your presentation.

Be sure that during your presentation you ensure the following:

1. The purpose of the paper was clearly stated.
2. A basic description of the statistical methods and analyses are summarized and any unfamiliar content is addressed.
3. All relevant study results are clearly discussed including all tables, figures and graphs.
4. The author's conclusions are clearly summarized.
5. Impressions of these results and conclusions in terms of overall usefulness in the field of study and in terms of clinical usefulness are offered in the presenters own words. This is likely the most important part of your review and should be emphasized. Please avoid presenting a report of the paper.

**Groups & Schedule:** All JC Meetings will occur in the Oak Meeting Room on the second floor of the Corporate Building or in Brooks 1 & 2 from 6:00pm – 8:00pm. Please refer to your meeting planner for location details.

<b>Group # and Members</b>	<b>Journal Club Presentation Date</b>	<b>Due Date of Article for Approval &amp; subsequent dissemination to all</b>
JC Introduction Jackie Osborne	Wednesday, 8/16/2017	Wednesday, 8/02/2017
Group 1: 1. Geri Resident 2. Neuro Resident	Wednesday, 10/18/2017	Wednesday, 10/04/2017
Group 2: 1. Neuro Resident 2. Neuro Resident	Wednesday, 12/20/2017	Wednesday, 12/06/2017
Group 3: 1. Geri Resident 2. Neuro Resident	Wednesday, 1/31/2018	Wednesday, 1/17/2018
Group 4: 1. Neuro Resident 2. Neuro Resident	Wednesday, 3/07/2018	Wednesday, 2/21/2018
Group 5: 1. Neuro OT Resident 2. Neuro OT Resident 3. Neuro OT Resident	Wednesday, 5/02/2018	Wednesday, 4/18/2018

Group 6: 1. Geri Resident 2. Neuro Resident	Wednesday, 5/30/2018	Wednesday, 5/16/2018
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