Augusta Health Registered Nurse Professional Development Program

Journal Club Template

Presenter Name: Tina Pitzer

Date of Journal Club Session: May 27, 2021

1. **Title & Date of Article:** *Obtaining a Wound Swab Culture Specimen,* July 2014

2. **Name of Journal:** *Nursing*

3. **Study's Purpose:** To give "10 steps to success" while obtaining wound cultures, ensuring patient safety, and promoting proper antibiotic therapy.
4. **Setting:** This study can be applied to all medical settings where cultures are obtained.

5. **Population:** This article applies to all ages, the person just needs to have a wound.

6. **Discuss major finding of study:** The major finding is the discussion on proper technique while obtaining cultures. It is paramount to use proper technique in order to correctly identify organisms in order to prescribe appropriate antibiotics so as not to over or under treat wounds.

7. **Study limitations:** The gold standard in cultures is a tissue biopsy. In a lot of clinical situations, it is not feasible to do a tissue biopsy and it can be painful for the patient. Ensuring that a swab culture is effectively collected can safeguard patient against unnecessary antibiotics.

8. Discuss implications of article in terms of impact on nursing practice:

- The nurse will learn how to correctly swab a wound over viable tissue.
- The patient can appropriately be treated, or not treated, based on the culture result.
- The provider will be able to prescribe an appropriate antibiotic, if one is required.

9. Is this change appropriate for adoption at Augusta Health:
Yes/No? Please explain:

Yes, because it would be simple to adopt this process. We already have the needed supplies, proper technique just needs to be applied by all, and patients will benefit either by getting treated with appropriate antibiotics or avoiding unnecessary antibiotics.

10. Group discussions/Questions

- A question asked was, "Do we have a unit policy for cultures?" It was discussed that there is a hospital policy that can be found on PULSE.
- It was mentioned that rinsing wounds with normal saline prior to obtaining a culture is "paramount."
- Wetting dry swabs is one of the steps prior to obtaining a culture is one take away that was not known to do prior to this article.
- There was mention that is would be interesting to know a percentage of "contaminated" cultures facility wide, but it is not thought to be a record.
- A valid point of concern brought up was should kidney function be screened prior to the onset of antibiotics.
- My own question was, "If there is not a one centimeter squared presence of viable tissue, what is the procedure then?" Tonya brought up that is a point of concern that is being researched by her and Anne for their project.
- A key point in the article that I had highlighted and brought up by Tonya in Journal Club to remember, "Keep in mind that every wound is contaminated, so a positive culture doesn't necessarily indicate infection."

Journal Club Roster

Date: __May 27, 2021_____
Time: ___1245_____
Location: __Wound Healing Clinic_____
Presenter: ___Tina Pitzer_____
Title of Article: __*Obtaining a Wound Swab Culture Specimen*_____

First Name	Last Name	Emp ID#	Dept/Unit	Primary Role	Initials
Bonnie	Rose	11419	Wound Clinic	RN	BR
Tonya	M. Frazier	02040	Wound Clinic	RN	Tm
Teresa	Dinges	04495	Wound Clinic	RN	TD
Anne	Aycock	101616	WHC	RN	aa
Terese	Gregory	06902	WHC	RN	TG

Augusta Health Registered Nurse Professional Development Program

Journal Club Template

Presenter Name: Tina Pitzer

Date of Journal Club Session: Wednesday, July 21, 2021

1. **Title & Date of Article:** Antimicrobial Stewardship in the Treatment of Skin and Soft Tissue Infections, 2017

2. **Name of Journal:** *American Journal of Infection Control*

3. **Study's Purpose:** To reinforce that antimicrobial stewardship encourages the correct use of antibiotics and improves patient outcomes while using an evidence-based treatment algorithm.

4. **Setting:** Three hospitals in a "Midwestern city" where a quasi-experimental study was performed over two 7 month periods. One study was done as a "historic" study (or the control group) during the same 7 month time frame a year earlier that the actual "intervention" study.

5. **Population:** Subjects were 18 or older to be included in the research. The subject had to have an infection of the skin on the toe or finger or other area. Complications such as osteomyelitis, hardware involvement, or deep tissue infection were excluded.

6. **Discuss major finding of study:** Appropriate antibiotic use was twice more prevalent in the intervention group than in the historic group. The intervention group had fewer complications. The intervention group also went from IV to oral antibiotics in a timelier manner. The intervention group also had fewer complications.

7. **Study limitations:** 412 patients were considered for the studies, but only 162 could be used for both studies because of items that excluded them. Another limitation was using the historic control group and not a "real-time" comparison group. Only one health care system was used (even though it was amongst three hospitals).

8. **Discuss implications of article in terms of impact on nursing practice:** We need to advocate for our patients to prevent complications such as c-difficile, antibiotic resistance issues, and potential antibiotic side effects.

9. **Is this change appropriate for adoption at Augusta Health:**
   Yes/No? Please explain: Yes, antibiotic stewardship programs and algorithms lead to more appropriate antibiotic use. However, I believe this to be out of the prevue of the Wound Healing Clinic, but it is informative information.

10. **Group discussions/Questions**

- Augusta Health has an antibiotic stewardship policy, may be a good clinic presentation.
- Do we need to do deeper cultures in the clinic was a topic.
- May need to consult Pharm-D on complicated wound cultures for advisement.

Journal Club Roster

Date: July ~~14~~ 21, 2021
Time: 1630
Location: Wound Healing Clinic
Presenter: Tina Pitzer, RN
Title of Article: Antimicrobial Stewardship in the Treatment of Skin and Soft Tissue Infections

First Name	Last Name	Emp ID#	Dept/Unit	Primary Role	Initials
Tonya	Meadows	02040	WHC	CC	TM
Anne	Aycock	16166	WHC	RN	aa
Terese	Gregory	06902	WHC	RN	TG

Pitzer, Tina

From: Pitzer, Tina
Sent: Friday, May 28, 2021 2:19 PM
To: Meadows, Tonya; 'Aycock,'; Dinges, Teresa; Gregory, Terese; Rose, Bonnie
Subject: FW: Journal Club NPDP Feedback Form_Due 2.24.2021 (003)

It was a great turnout at Journal Club yesterday. Thank you for attending! The minute notes are in the Club notebook.
Tina

From: Pitzer, Tina
Sent: Monday, May 24, 2021 9:13 AM
To: Meadows, Tonya; Aycock, Anne; Dinges, Teresa; Gregory, Terese; Rose, Bonnie
Subject: RE: Journal Club NPDP Feedback Form_Due 2.24.2021 (003)

Hi everyone,

Journal Club will take place over lunch this Thursday, May 27. Copies of the article are located in the journal Club notebook.

Thank you, Tina

From: Pitzer, Tina
Sent: Thursday, May 20, 2021 1:05 PM
To: Meadows, Tonya <TMeadows@Augustahealth.com>; Aycock, Anne <AAycock@AugustaHealth.com>; Dinges, Teresa <TDinges@AugustaHealth.com>; Gregory, Terese <TGregory@AugustaHealth.com>; Rose, Bonnie <BRose2@AugustaHealth.com>
Subject: RE: Journal Club NPDP Feedback Form_Due 2.24.2021 (003)

Hi everyone!

It is time for Journal Club again! It will be one week from today, Thursday, May 27, 2021 once we get off work.

I was wondering what would suit better, if we wanted to do the Club over lunch, immediately after work, or if we wanted to go to a restaurant. I am open to any of these, let me know what you think, please.

Thank you,
Tina

From: Meadows, Tonya
Sent: Thursday, February 11, 2021 12:22 PM
To: Aycock, Anne; Pitzer, Tina; Dinges, Teresa; Gregory, Terese; Rose, Bonnie
Subject: RE: Journal Club NPDP Feedback Form_Due 2.24.2021 (003)

By the way please direct all communication about the journal club through this email so we can track it for supporting documentation for the clinical ladder. ☺ This may be a highlight of the new PD program! Thanks, t

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From: Aycock, Anne
Sent: Thursday, February 11, 2021 12:02 PM

To: Meadows, Tonya; Pitzer, Tina; Dinges, Teresa; Gregory, Terese; Rose, Bonnie
Subject: RE: Journal Club NPDP Feedback Form_Due 2.24.2021 (003)

I will bring refreshments to share.

From: Meadows, Tonya
Sent: Thursday, February 11, 2021 10:59 AM
To: Aycock, Anne; Pitzer, Tina; Dinges, Teresa; Gregory, Terese; Rose, Bonnie
Subject: Journal Club NPDP Feedback Form_Due 2.24.2021 (003)
Importance: High

For those interested in the Journal Club we will start on Tuesday Feb 16th as soon as we get finished. This will be an organizational meeting deciding on coordination of club meetings, content, and locations (thinking dinner meeting occasionally).

This is a feedback form for clin ladder. Please add questions/recommendations in a different font save and send back to me before the 24th.
Thanks, Tonya

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