

Wound Healing

Southern Africa

CPD Questionnaire: Wound Healing Vol 11 No 1

Please select only one answer for each question. For every five questions, one must achieve a minimum of four correct answers to obtain one CPD point. You can only obtain a maximum of three points for each CPD article.

Negative-Pressure Wound Therapy II: Negative-Pressure Wound Therapy and Increased Perfusion. Just an Illusion?

1. In a previous study, which led to this study, it was found that:

- a. Increasing suction pressure reduced tissue pressure
- b. Increasing suction pressure increased tissue pressure
- c. Suction pressure did not affect tissue pressure

2. What was this study attempting to evaluate in relation to NPWT?

- a. Tissue zinc concentration
- b. Tissue perfusion
- c. Tissue deformation

3. What dressing configurations were evaluated in this study?

- a. Circumferential
- b. Non-circumferential
- c. Both the above

4. What suction pressures were compared in this study?

- a. -75 mmHg and -125 mmHg
- b. -125 mmHg and -400 mmHg
- c. -75 mmHg and -400 mmHg

5. What was used to evaluate perfusion under circumferential NPWT?

- a. Transcutaneous partial pressure of oxygen measurements
- b. Radioisotope perfusion imagery
- c. Laser Doppler

6. What was used to evaluate perfusion under non-circumferential NPWT?

- a. Transcutaneous partial pressure of oxygen measurements
- b. Radioisotope perfusion imagery
- c. Laser Doppler

7. How many volunteers were used for the study on circumferential NPWT?

- a. Twenty
- b. Ten
- c. Six

8. In the study on circumferential NPWT, it was found that increased suction:

- a. Reduced perfusion
- b. Increased perfusion
- c. Did not affect perfusion

9. In the study on non-circumferential NPWT, it was found that increased suction:

- a. Reduced perfusion
- b. Increased perfusion
- c. Did not affect perfusion

10. How do the findings of this study compare to other studies on NPWT, which used laser Doppler to measure perfusion?

- a. This study's findings are in keeping with those studies
- b. This study's findings conflict with those studies
- c. This study also used laser Doppler to evaluate perfusion

11. What potential advantage does radioisotope perfusion imagery have over laser Doppler?

- a. It results in less tissue irradiation
- b. There is no sensor beneath the foam
- c. It is less labour intensive

12. This study suggests that:

- a. At certain suction pressures, tissue perfusion is increased
- b. At any suction pressure, tissue perfusion is decreased
- c. At any suction pressure, tissue perfusion is increased

13. Laser Doppler determines perfusion by:

- a. Evaluating the temperature of the tissue
- b. Multiplying the velocity and concentration of red blood cells
- c. Determining tissue pH

14. This study suggests that laser Doppler is:

- a. A reliable method to determine perfusion in NPWT
- b. Reliable only when used beneath the NPWT foam
- c. An unreliable method to determine perfusion in NPWT

15. This study suggests that NPWT:

- a. Should be used with caution on tissues with compromised perfusion
- b. Is indicated on tissue with compromised perfusion
- c. Is never indicated

Recipients of Wound Healing visit our CPD portal at www.mpconsulting.co.za

- Register with your email address as username and MP number with seven digits as your password and then click on the icon "Journal CPD".
- Scroll down until you get the correct journal. On the right hand side is an option "ACCESS". This will allow you to answer the questions. If you still can not access please send your Name and MP number to info@medpharm.co.za in order to gain access to the questions.
- Once you click on this icon, there is an option below the title of the journal: Click to read this issue online
- Once you have completed the answers, go back to the top of the page next to the registration option. There is another icon "Find my CPD certificate". (You will have to answer the two questions regarding your internship and last CPD audit once you have completed a questionnaire and want to retrieve your certificate).
- If you click on that icon it will open your certificate which you can print or save on your system.