Supplementary material

Search strategy

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 1. | exp Negative-Pressure Wound Therapy/ |  |  |  |  |
| 2. | exp Suction/ |  |  |  |  |
| 3. | exp Vacuum/ |  |  |  |  |
| 4. | (negative pressure or negative-pressure or NPWT).tw. |  |  |  |  |
| 5. | (sub-atmospheric or subatmospheric).tw. |  |  |  |  |
| 6. | Topical Negative Pressure.tw. |  |  |  |  |
| 7. | TNP.tw. |  |  |  |  |
| 8. | Sub-atmospheric wound therapy.tw. |  |  |  |  |
| 9. | Microdeformational wound therapy.tw. |  |  |  |  |
| 10. | MDWT.tw. |  |  |  |  |
| 11. | (wound adj3 suction).tw. |  |  |  |  |
| 12. | (wound adj3 drainage).tw. |  |  |  |  |
| 13. | ((foam adj3 suction) or (suction adj dressing$)).tw. |  |  |  |  |
| 14. | (vacuum assisted closure technique or VAC).tw. |  |  |  |  |
| 15. | ((vacuum adj therapy) or (vacuum adj dressing$) or (vacuum adj seal$) or (vacuum adj closure) or (suction$ adj drainage)).tw. |  |  |  |  |
| 16. | or/1-15 |  |  |  |  |
| 17. | exp Surgical Site Infection/ |  |  |  |  |
| 18. | Surgical Site Dehiscence.tw. |  |  |  |  |
| 19. | (wound\* adj7 dehisc\*).tw. |  |  |  |  |
| 20. | (wound\* adj7 infect\*).tw. |  |  |  |  |
| 21. | (wound adj7 disrupt\*).tw. |  |  |  |  |
| 22. | wound complication\*.tw. |  |  |  |  |
| 23. | (surg\* adj7 infect\*).tw. |  |  |  |  |
| 24. | (surg\* adj7 wound\*).tw. |  |  |  |  |
| 25. | (surg\* adj7 site\*).tw. |  |  |  |  |
| 26. | (surg\* adj7 incision\*).tw. |  |  |  |  |
| 27. | (surg\* adj7 dehisc\*).tw. |  |  |  |  |
| 28. | or/17-27 |  |  |  |  |
| 29. | (intent\* or second\* or heal\* or complic\*).tw. |  |  |  |  |
| 30. | ((open\* or clos\*) adj5 wound\*).tw. |  |  |  |  |
| 31. | 29 or 30 |  |  |  |  |
| 32. | 31 and 28 |  |  |  |  |
| 33. | randomised controlled trial.pt. |  |  |  |  |
| 34. | controlled clinical trial.pt. |  |  |  |  |
| 35. | randomi?ed.ab. |  |  |  |  |
| 36. | placeb\*.ab. |  |  |  |  |
| 37. | clinical trials as topic.sh. |  |  |  |  |
| 38. | random\*.ab. |  |  |  |  |
| 39. | trial.ti. |  |  |  |  |
| 40. | exp animals/ not humans.sh. |  |  |  |  |
| 41. | or/33-40 |  |  |  |  |
| 42. | 32 and 41 |  |  |  |  |
| 43. | cytokin\*.tw. |  |  |  |  |
| 44. | chemokin\*.tw. |  |  |  |  |
| 45. | Angio\*.tw. |  |  |  |  |
| 46. | exp growth factors/ |  |  |  |  |
| 47. | tumour necrosis factor-alpha.tw. |  |  |  |  |
| 48. | TNF.tw. |  |  |  |  |
| 49. | Interleukin.tw. |  |  |  |  |
| 50. | or/43-49 |  |  |  |  |
| 51. | 42 and 50 |  |  |  |  |