

## Cochrane Wounds list of antimicrobials

| Agent                           | Known alternative names | Antimicrobial Agents                           | Other classification  |
|---------------------------------|-------------------------|--|---|
| achillea millefolium            | yarrow                  |  | not well-known for any antibacterial activity but such effects may have been claimed                            |
| aesculus hippocastanum          | horse chestnut          |  | not well-known for any antibacterial activity but such effects may have been claimed                            |
| ageratina pichinchensis extract |                         | biological agent with antimicrobial properties | purported antimicrobial activity  |
| alginate                        |                         |  | polysaccharide - not normally considered to be antimicrobial  |
| aloe vera                       |                         | biological agent with antimicrobial properties | purported antimicrobial activity  |
| alpha-bisabolol                 |                         | biological agent with antimicrobial properties |   |
| amikacin                        |                         | antibiotic aminoglycoside                      |   |
| amniotic membrane               |                         |  | n/a   |
| amoxicillin                     |                         | antibiotic penicillin                          |   |
| ampicillin                      |                         | antibiotic penicillin                          |   |
| arnebia euchroma ointment (AEO) |                         |  | not well-known for any antibacterial activity but such effects may have been claimed, particularly for extracts |
| augmentin                       |                         | antibiotic penicillin                          |   |
| azithromycin                    |                         | antibiotic other                               |   |
| aztreonam                       |                         | antibiotic other                               |   |
| bacitracin                      |                         | antibiotic other                               |   |
| bactroban                       |                         | antibiotic topical                             |   |
| benzoin                         |                         | biological agent with antimicrobial properties |   |
| benzoyl peroxide                |                         |  | probably used as a topical antiseptic   |
| betamethasone dipropionate      |                         |  | glucocorticoid steroid  |
| cadexomer                       |                         |  | used to deliver iodine (as an antimicrobial) in cadexomer iodine  |

|                                  |                    |  |   |
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| <b>calendula officinalis</b>     | marigold           | biological agent with antimicrobial properties |   |
| <b>carbon fibre</b>              |                    |  | not normally considered to be antimicrobial   |
| <b>cefamandole</b>               | cefamandole nafate | antibiotic cephalosporin                       |   |
| <b>cefazolin</b>                 |                    | antibiotic cephalosporin                       |   |
| <b>cefonicid</b>                 |                    | antibiotic cephalosporin                       |   |
| <b>cefotetan</b>                 |                    | antibiotic cephalosporin                       |   |
| <b>cefoxitin</b>                 | cefoxin            | antibiotic cephalosporin                       |   |
| <b>ceftazidime</b>               |                    | antibiotic cephalosporin                       |   |
| <b>ceftobiprole</b>              |                    | antibiotic cephalosporin                       |   |
| <b>ceftriaxone</b>               |                    | antibiotic cephalosporin                       |   |
| <b>cephalexin</b>                |                    | antibiotic cephalosporin                       |   |
| <b>cephalothin sodium</b>        |                    | antibiotic cephalosporin                       |   |
| <b>cephapirin</b>                | cephaprin sodium   | antibiotic cephalosporin                       |   |
| <b>cerium nitrate</b>            |                    |  | antimicrobial activity may have been claimed  |
| <b>cetrimide</b>                 | savlon             | antiseptic                                     |   |
| <b>charcoal</b>                  |                    |  | not normally considered to be antimicrobial   |
| <b>chloramine</b>                |                    |  | disinfectant  |
| <b>chloramphenicol succinate</b> |                    | antibiotic not specified                       |   |
| <b>chlorhexidine</b>             |                    | antiseptic                                     |   |
| <b>chloromycetin</b>             |                    | antibiotic not specified                       | see chloramphenicol   |
| <b>cilastatin</b>                |                    |  | often administered with imipenem; imipenem-cilastatin sodium is broad-spectrum carbapenem antibiotic combination. |
| <b>ciprofloxacin</b>             |                    | antibiotic other                               |   |
| <b>clarithromycin</b>            |                    | antibiotic other                               |   |
| <b>clinafloxacin</b>             |                    | antibiotic other                               |   |
| <b>clindamycin</b>               | clindamicin        | antibiotic penicillin                          |   |
| <b>cloxacillin</b>               |                    | antibiotic penicillin                          |   |
| <b>collagenase</b>               |                    |  | proteolytic enzyme, probably not antimicrobial  |
| <b>copper tripeptide</b>         |                    |  | not primarily an antimicrobial  |
| <b>co-trimoxazole</b>            |                    | antibiotic other                               | combination of two antibiotics  |
| <b>daptomycin</b>                |                    | antibiotic other                               |   |

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|--|---------------------------|--|
| <b>dextranomer</b>                                   |                           | not primarily an antimicrobial   |
| <b>dibutyl cAMP</b>                                  |                           | not primarily an antimicrobial   |
| <b>diclofenac Sodium</b>                             |                           | anti-inflammatory  |
| <b>dicloxacillin</b>                                 | antibiotic penicillin     |  |
| <b>DL-cysteine</b>                                   |                           | sulphur amino acid, not considered to be strongly antimicrobial                      |
| <b>DL-methionine-methyl sulphonium chloride</b>      |                           | not considered to be strongly antimicrobial  |
| <b>Edinburgh University Solution of Lime (EUSOL)</b> |                           | not considered to be strongly antimicrobial  |
| <b>egg white (+ sugar)</b>                           |                           | not strongly antimicrobial (although may have some activity)                         |
| <b>enamel matrix protein</b>                         |                           | not considered to be strongly antimicrobial  |
| <b>enbecin</b>                                       | antibiotic topical        |  |
| <b>epicillin</b>                                     | antibiotic penicillin     |  |
| <b>ertapenem</b>                                     | antibiotic other          |  |
| <b>ethacridine lactate</b>                           | antiseptic                |  |
| <b>ethanol</b>                                       | antiseptic                |  |
| <b>ethoxy-diaminoacridine</b>                        | antiseptic                |  |
| <b>ethylhexadecyldimethyl ammonium ethylsulfate</b>  |                           | apparently used as an excipient (in active material) in some antimicrobial hand gels |
| <b>flucloxacillin</b>                                | antibiotic penicillin     |  |
| <b>framycetin</b>                                    | antibiotic other          |  |
| <b>fusidic acid</b>                                  | antibiotic topical        |  |
| <b>gentamicin</b>                                    | antibiotic aminoglycoside |  |
| <b>gentian violet</b>                                | antiseptic                |  |
| <b>haemodialysate</b>                                |                           | not considered to be strongly antimicrobial  |
| <b>haemoglobin (purified porcine)</b>                |                           | not considered to be strongly antimicrobial  |
| <b>honey</b>   | antiseptic                | broadly an antiseptic  |
| <b>hyaluronic acid</b>                               |                           | not considered to be strongly antimicrobial  |
| <b>hydrogen peroxide</b>                             | antiseptic                | oxidising agent with antibacterial properties; has been used as an antiseptic.       |
| <b>ichthammol</b>                                    | antiseptic                |  |
| <b>imipenem</b>                                      | antibiotic other          | carbapenem   |
| <b>iodine</b>  |                           | no longer used as an antiseptic unless with a delivery vehicle such as cadexamer     |

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| <b>iodophor</b>                         |                     | antiseptic                                     |   |
| <b>kanamycin</b>                        | kanamycin sulphate  | antibiotic aminoglycoside                      |   |
| <b>lavandula stoechas essential oil</b> | lavender            |  | antimicrobial activity may have been claimed                                      |
| <b>leukichtan</b>                       |                     |  | antimicrobial activity may have been claimed                                      |
| <b>levamisole</b>                       |                     | antibiotic other                               | anti-parasitic  |
| <b>levofloxacin</b>                     |                     | antibiotic other                               |   |
| <b>lincomycin</b>                       |                     | antibiotic other                               |   |
| <b>liposome</b>                         |                     |  | potential delivery vehicle, not directly antimicrobial (with some caveats)        |
| <b>lysozyme ointment</b>                |                     | antiseptic                                     | probably used as a topical antimicrobial agent                                    |
| <b>mafenide acetate</b>                 |                     | antibiotic other                               |   |
| <b>magnesium sulphate</b>               |                     |  | not strongly antimicrobial (although may have some activity)                      |
| <b>mecetronium ethylsulphate</b>        |                     |  | normally used as an excipient   |
| <b>mellilotus officinalis</b>           | yellow sweet clover |  | active (claimed antibacterial) compound in some types of honey                    |
| <b>merbromin</b>                        |                     | antiseptic                                     | organomercuric, potentially toxic   |
| <b>mercurocrome</b>                     |                     | antiseptic                                     |   |
| <b>methylated spirit</b>                |                     |  | antimicrobial activity but should not be used topically (due to methanol content) |
| <b>metronidazole</b>                    |                     | antibiotic other                               |   |
| <b>moxifloxacin</b>                     |                     | antibiotic other                               |   |
| <b>moxolactam</b>                       | moxolactam disodium | antibiotic cephalosporin                       |   |
| <b>mupirocin</b>                        |                     | antibiotic topical                             |   |
| <b>nafcillin</b>                        |                     | antiseptic                                     |   |
| <b>nano-crystalline silver hydrogel</b> |                     | antiseptic                                     |   |
| <b>N-duopropenide</b>                   |                     |  | more disinfectant than antiseptic   |
| <b>neomycin</b>                         |                     | antibiotic aminoglycoside                      |   |
| <b>nitrofurazone</b>                    |                     | antibiotic other                               |   |
| <b>octenidine</b>                       |                     | antiseptic                                     |   |
| <b>oxacillin</b>                        |                     | antibiotic penicillin                          |   |
| <b>ozonated oil</b>                     |                     | biological agent with antimicrobial properties |   |
| <b>pale sulfonated shale oil (PSSO)</b> |                     |  | not well-known for any antibacterial activity but such effects may have been      |

|   |                                |  |  |
|---|--------------------------------|--|--|
|   |                                |  | claimed  |
| <b>papain</b>                           |                                |  | proteolytic enzyme; not primarily antimicrobial                                      |
| <b>parachlorometaxylenol</b>            |                                | antiseptic                                     |  |
| <b>pelargonium roseum essential oil</b> |                                | biological agent with antimicrobial properties |  |
| <b>phenytoin</b>                        |                                | antibiotic penicillin                          |  |
| <b>piperacillin</b>                     |                                | antiseptic                                     |  |
| <b>polyhexanide</b>                     |                                | antiseptic                                     |  |
| <b>polymyxin</b>                        |                                | antibiotic other                               |  |
| <b>polyvinylpyrrolidone</b>             |                                |  | used with iodine in formulation  |
| <b>potassium permanganate</b>           |                                | antiseptic                                     |  |
| <b>potato-peel (autoclaved)</b>         |                                |  | not well-known for any antibacterial activity but such effects may have been claimed |
| <b>povidone iodine</b>                  | Betadine; PVP-I                | antiseptic                                     |  |
| <b>propylene glycol alginate</b>        |                                |  | normally used as an excipient (inactive ingredient)                                  |
| <b>pyodine</b>                          |                                | antiseptic                                     | another name for povidone-iodine   |
| <b>quinolone</b>                        |                                | antibiotic other                               |  |
| <b>resin salve (Norway spruce)</b>      |                                | antiseptic                                     | may appear as an antiseptic in certain classifications, depending on criteria        |
| <b>rhizophora mangle bark extract</b>   |                                | antiseptic                                     | may appear as an antiseptic in certain classifications, depending on criteria        |
| <b>rifamycin</b>                        |                                | antibiotic other                               |  |
| <b>rivanol</b>                          |                                | antiseptic                                     | may appear as an antiseptic in certain classifications, depending on criteria        |
| <b>rosmarinus</b>                       | rosemary                       |  | antimicrobial activity has been claimed  |
| <b>salvia officinalis</b>               | sage                           |  | antimicrobial activity has been claimed  |
| <b>silver sulphadiazine (SSD)</b>       | DISILVA, Silvadene, Flammazine | antiseptic                                     | both antiseptic and topical antibiotic   |
| <b>sodium carboxymethylcellulose</b>    |                                |  | normally used as an excipient (inactive ingredient)                                  |
| <b>sodium hypochlorite</b>              |                                | antiseptic                                     | may appear as an antiseptic in certain classifications, depending on criteria        |
| <b>sodium salicylate</b>                |                                |  | claimed effects not primarily due to any antimicrobial effects                       |
| <b>soframycin</b>                       |                                | antibiotic aminoglycoside                      |  |
| <b>sucralfate</b>                       |                                |  | claimed effects on healing but not primarily due to any antimicrobial effects        |
| <b>sulfamethoxazole</b>                 |                                | antibiotic other                               | a sulphonamide   |

|                              |   |                  |   |
|------------------------------|---|------------------|---|
| <b>super-oxidised water</b>  | dermacyn, acidic oxidative water, electrolysed strongly acidic aqueous solution | antiseptic       |   |
| <b>symphytum officinale</b>  | comfrey   |                  | may have some antimicrobial effects but likely not potent |
| <b>taurolin</b>              | taurolidine   | antibiotic other |   |
| <b>tetracycline</b>          |   | antibiotic other |   |
| <b>ticarcillin</b>           |   | antibiotic other |   |
| <b>tigecycline</b>           |   | antibiotic other |   |
| <b>tinidazole</b>            |   | antibiotic other |   |
| <b>triclosan</b>             |   | antiseptic       |   |
| <b>trimethoprim</b>          |   | antibiotic other |   |
| <b>tripeptide-copper gel</b> |   |                  | not considered to have antimicrobial effects.             |
| <b>trypsin</b>               |   |                  | proteolytic enzyme; not primarily antimicrobial           |
| <b>vancomycin</b>            |   | antibiotic other |   |
| <b>zinc oxide</b>            |   | antiseptic       |   |
| <b>zinc pyrithione</b>       |   | antiseptic       |   |