

ANNEX

Status report on shortages of ICU medicines (per therapeutic class)

The figures below figures were confirmed in writing by national authorities by 1 April at 14.30 CET.

| | Affected active substances (INN) | Shortages | | Cumulative numbers |
|---------------------------------------|----------------------------------|-------------|---|--------------------|
| | | Current | Anticipated | |
| Anaesthetics /sedatives | | | | |
| | alfentanil | | IE | 1 |
| | bupivacaine | SE | | 1 |
| | dexmedetomidine | | IE LU ES AT | 4 |
| | clonidine | | AT DE | 2 |
| | diazepam iv | PT SE | BE IT HR | 5 |
| | ethylmorphine | SE | | 1 |
| | fentanyl iv | SE | HU, FR, NL, DE, IE BE EL IT HR PL PT AT | 13 |
| | ketamine | | DE LU | 2 |
| | lidocaine iv | | SE LU AT | 3 |
| | lorazepam | | DE BE IT | 3 |
| | midazolam iv | FR SE | DE, PT, LU, HU, NL FI, LI IE BE IT ES HR PT AT | 16 |
| | morphine iv | LU | DE, LI, NL IE BE EL IT HR | 9 |
| | propofol iv | FR PT SE | BE, DE, HU, FR, NL CZ LI IE LU HU IT ES HR AT | 17 |
| | remifentanil | SE | BE, DE, NL, LI IE LU IT | 8 |
| | ropivacaine | SE | | 1 |
| | sevoflurane | | AT DE | 2 |
| | sufentanil | | DE, FR, LI, NL BE LU IT | 7 |
| | sulfentanil IV | | BE, NL IT | 3 |
| | suxamethonium | | DE BE IT | 3 |
| Resuscitation drugs/ Emergency | | | | |
| | adrenaline | SE | AT DE IE | 4 |
| | dobutamine | | DE FI BE LU IT | 5 |
| | dopamine | | AT DE IE HR | 4 |
| | epinephrine iv | | SE EL | 2 |
| | fibrinogen concentrate | SE | AT | 2 |
| | furosemide | PT, SE | | 2 |
| | labetalol iv | PT | | 1 |

| | Affected active substances (INN) | Shortages | | Cumulative numbers |
|------------------------|---|------------------|----------------------------------|---------------------------|
| | | Current | Anticipated | |
| | noradrenaline | SE | DE IE LU ES | 5 |
| | protamine sulfate | SE | | 1 |
| | tranexamic acid | SE | | 1 |
| Muscle relaxers | | | | |
| | atracurium | | NL IE BE LU IT | 5 |
| | atropine | SE | | 1 |
| | cisatracurium | FR, NO | BE, LU, FI, NL IE IT ES | 9 |
| | milrinone | | LU | 1 |
| | mivacurium | | BE IT | 2 |
| | pancuronium | | NL | 1 |
| | rocuronium | | DE, NL BE IT ES AT | 6 |
| | rocuronium bromide | | PT CZ IE PT | 4 |
| | vecuronium | | BE IT | 2 |
| Antibiotics | | | | |
| | amfotericine-b | | NL | 1 |
| | amoxicillin / clavulanic acid iv | PT | NL CZ FR BE EL LU HU IT PL DE AT | 12 |
| | ampicillin/sulbactam | | AT DE | 2 |
| | azithromycin iv | PL SK | PT, NL EL HU ES HR PL PT CY | 11 |
| | aztreonam | SE | | 1 |
| | benzylpenicillin | | EE, AT CZ HU | 4 |
| | cefepime | | AT CY | 2 |
| | cefotaxime | SE | FR, NL | 3 |
| | ceftazidime | SE | LU | 2 |
| | ceftriaxone | | NL BE LU IT HR CY DE | 7 |
| | cefuraxime | | AT CZ | 2 |
| | ciprofloxacin | | NL LU | 2 |
| | clarithromycine iv | | BE LU IT DE | 4 |
| | clindamycin | | AT LU | 2 |
| | cloxacillin | SE | | 1 |
| | colistine | | NL | 1 |
| | cotrimoxazole | | DE LU | 2 |
| | erythromycin | | AT, CZ DE | 3 |
| | fluconazole (antifungal) | SE | DE | 2 |
| | gentamicin | | LU | 1 |
| | imipenem+cilastatin | | DE | 1 |
| | levofloxacin | IE, AT, FR | LU DE | 5 |

| | Affected active substances (INN) | Shortages | | Cumulative numbers |
|--------------------------------|--|------------------------|---|--------------------|
| | | Current | Anticipated | |
| | linezolid | FR | LU DE | 3 |
| | meropenem | AT | LU | 2 |
| | metronidazole (antiprotozoal agent) | | AT, NL, SI | 3 |
| | micafungine (antimycotic agent) | | NL | 1 |
| | moxifloxacin | | BE IT HR DE | 4 |
| | piperacillin / tazobactam iv | SE | PT, EE, NL CZ FR EL LU HU PL PT CY DE AT | 14 |
| | rifampicin | | EL | 1 |
| | roxithromycin | | DE | 1 |
| | tigecycline | | DE | 1 |
| | tobramycine | | NL | 1 |
| | vancomycine | | NL LU CY DE | 4 |
| | voriconazole (antiprotozoal agent) | | NL | 1 |
| Other | | | | |
| Immunosuppressant | ciclosporine iv | | FR HR | 2 |
| Anticoagulants | danaparoid | | DE | 1 |
| | heparin (lmwh) | | CZ DE | 2 |
| Bronchodilators | budesonide | | AT | 1 |
| | ephedrine | | AT | 1 |
| | fenoterol | | AT | 1 |
| | ipratropium bromide | | CZ, DE FI | 3 |
| | salbutamol | | DE FI, LI | 3 |
| Analgesics/ corticosteroids | dexamethasone | | IE LU CY | 3 |
| | metamizol | | DE LU | 2 |
| | paracetamol | NO, SK, PT CZ SE | AT, BE, DE, EE, FR, LV, SI, MT NL IE IT ES HR PL | 19 |
| | piritramide | | AT LU | 2 |
| | prednisolone | | DE | 1 |
| | methylprednisolone | | BE LU IT ES HR CY | 6 |
| | tramadol | | SI | 1 |
| Antipsychotics | haloperidol | | DE | 1 |
| Antimalarials | hydroxychloroquine | AT, MT, ES | NL, EE IT | 6 |
| Antivirals | acyclovir | | EE, FI CZ | 3 |
| | favipiravir | | AT | 1 |
| | darunavir | PT | SK | 2 |
| Tuberculostatic | bacillus calmette-guérin (bcg) vaccine | | AT | 1 |
| Antiseptics | chlorhexidine | | IE | 1 |
| Gastroprotective agents | pantoprazole | | DE | 1 |

| | Affected active substances (INN) | Shortages | | Cumulative numbers |
|----------------|---|------------------|--------------------|---------------------------|
| | | Current | Anticipated | |
| | ranitidine | SE | DE | 2 |
| Antiemetic | ondansetron | SE | | 1 |
| | scopolamine | | LU | 1 |
| Cardiovascular | amiodarone | | DE | 1 |
| | digitoxin | | DE | 1 |
| | digoxin | | DE | 1 |
| | glyceryl trinitrate | | DE EL | 2 |
| | vasopressin | | IE | 1 |
| | metoprolol | | DE | 1 |
| | furosemide | | DE LU | 2 |