

## **Febrile Neutropenia Empiric Treatment** 2 months and older

| KO           | (Adapted with Permission by IWK Health Centre June 2021) |  |        |  |  |
|--------------|--|--|--------|--|--|
| Patient:     |  |  |        |  |  |
| П. Al., ( В. |  |  | All 12 |  |  |

K07002307 Jun/7/2002 M SCA,TEST Visit ER0000145/12 HCN: 22222222 Van den Hof, TEST / TEST, Maureen

| ☐ Alert Record Rev  | viewed 📮 No Allergie  | es Known  | D  | ec/8/2012   |  |  |
|---|---|---|--|---|--|--|
|   | se Reactions-Cautions:                                      |   |  |   |  |  |
| Age P   | atient's Weight   | ka  | Date of Patient's V  | Veight  |  |  |
| DIAGNOSIS:  |   |   |  |   |  |  |
| Refer to the APPH   |   | k to the comp   | lete guidelines (http  | ox (□) are only actioned if checked (√) s://www.apphon-rohppa.com) hours  |  |  |
| <b>FLUIDS AND NUTF</b>  |   |   |  |   |  |  |
| maintenance daily   | x maintenance, maxim<br>fluid intake once patient           |   |  | IV, reassess daily and step down to   |  |  |
| INVESTIGATIONS  | a. K. graatinina blaas                                      | l aluggo withi  | a 20 minutes of arrive   |   |  |  |
|   | a+, K+, creatinine, blood<br>odynamically unstable          | i giucose withii                                      | n 30 minutes of arriva   | <b>d</b> I  |  |  |
| <ul> <li>Blood from all CV to starting IV antil</li> <li>Urinalysis U</li> <li>NPA (PCR) for: </li> </ul> | L lumens (peripheral on biotics (*if blood is drawi         | n from CVL the<br>mples – all urir<br>ended viral par | ere is no need to drav<br>ne cultures must be m<br>nel (ID approval requ | ivity within 30 minutes of arrival and prior<br>v an additional peripheral culture)<br>nidstream or catheter only)<br>ired) |  |  |
| ☐ Throat mycoplasr  |   | •   |  |   |  |  |
| Repeat daily: • CBCD, Na+, K+ w • Blood cultures from   | hile receiving daily IV flu                                 | uids, and daily<br>and sensitivity                    | creatinine if receiving if temperature is greater                        | y vancomycin or tobramycin<br>ater than or equal to 38° C one hour  |  |  |
| MONITORING  |   |   |  |   |  |  |
|   | aturation and temperatu                                     | re a1h until st:                                      | able then a4h  |   |  |  |
| DIAGNOSTIC IMAG   | •   | iro q i i i aritii ott                                | abio, triori q+ri  |   |  |  |
|   | ☐ Chest X–ray ☐ Othe  | or.   |  |   |  |  |
| MEDICATIONS   | The Criest A-ray the Other                                  | ۶۱  |  |   |  |  |
|   | ceive antibiotics withir                                    | n 60 minutes d  | of presentation or l   | ess as indicated below  |  |  |
|   | tics through each lume                                      |   | or presentation, or r  | css as maleated below   |  |  |
|   |   |   | ; NOT receiving or o   | learing high dose methotrexate]:  |  |  |
|   |   |   |  | mg/dose) mg IV q6h  |  |  |
|   |   |   |  | 00 mg/dose) mg IV q6h   |  |  |
|   | on piperacillin compone                                     |   |  |   |  |  |
| If penicillin allergy OR [For IWK inpatients ONLY; receiving or clearing high dose methotrexate]:         |   |   |  |   |  |  |
|   | ig/kg/dose, max: 2000 n                                     |   |  |   |  |  |
|   |   |   | ess or possible typi   | hlitis and is not receiving   |  |  |
|   | actam or meropenem A<br>(10 mg/kg/dose, max: 50             |   | ma IV a9h  |   |  |  |
|   | , , ,   | • , _   |  |   |  |  |
| ADD vancomycin  | tient or patient with lir<br>(to be started immedia         | ately after blo                                       | od cultures drawn):  |   |  |  |
|   | ears of age: vancomycin                                     |   |  |   |  |  |
| ■ 12 years or age   | and older: vancomycin (trough) level pre 4 <sup>th</sup> or | 5th dose  | e, max. 1000 mg/dos  | e)nig qon   |  |  |
| AND (for unstable)  |   | 3 dose  |  |   |  |  |
|   |   | ramycin (10.5   | ma/ka/dose max: 40   | 00 mg/dose) mg IV q24h  |  |  |
| ☐ Greater than 6 ye   | ears of age: tobramycin<br>(peak) level 30 minutes          | (8 mg/kg/dose   | e, max: 400 mg/dose)   |   |  |  |
| DATE (yyyy/MON/dd)  | Time (24hour/hh:mm)   | Prescriber Sign                                       | ature  | Printed Surname/Registration #  |  |  |
| DATE (yyyy/MON/dd)  | Time (24hour/hh:mm)   | Verified By (Sig                                      | nature)  | Printed Surname   |  |  |
| Note: Page 2 Clinicia   | ,   |   |  |   |  |  |
| "Unofficial document i  |   |   |  |   |  |  |

"Unofficial document if printed. To ensure this is the latest version, please see

www.apphon-rohppa.com " PERMANENT RECORD Page 1 of 2 2021/APR/06 MR

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## **Febrile Neutropenia Orders and Algorithm**

for treatment of children less than 2 months of age see APPHON guideline (https://www.apphon-rohppa.com)

