**BLADDER CANCER/TRANSITIONAL CELL CANCER**

**CARBOPLATIN – PACLITAXEL**
Paclitaxel‡ 225 mg/m² IV* Day 1

Followed by

Carboplatin AUC 6** IV*** Day 1

‡Routine premedication administered; *Administer over 3 hours; **AUC calculated using the Calvert formula; ***Administer over 30 minutes.

Repeat cycle every 21 days to a maximum of 6 cycles.


**CISPLATIN – DOCETAXEL**
Docetaxel‡ 75 mg/m² IV* Day 1
Cisplatin 75 mg/m² IV** Day 1

‡Routine premedication administered; *Administer over 1 hour; **Administer over 30 – 60 minutes with routine pre- and post-hydration.

Repeat cycle every 21 days for a maximum of 6 cycles.


**CISPLATIN – METHOTRXATE**
Cisplatin 70 mg/m² IV* Day 1
Methotrexate 40 mg/m² IV Days 8 and 15

*Routine pre- and post-hydration should be administered.

DOSE MODIFICATION: Doses of cisplatin and methotrexate were reduced by 50% for a CrCL between 50 and 70mL/minute; Drugs were omitted if the CrCL less than 50 mL/minute. Methotrexate was omitted if the leukocyte count was less than 2.5 x 10⁹/L or the platelet count was less than 100 x 10⁹/L.

Repeat cycle every 21 days to a maximum of 3 cycles if given adjuvantly.

CISPLATIN – PACLITAXEL
Paclitaxel‡ 135 – 175 mg/m² IV * Day 1

Followed by
Cisplatin 70 – 75 mg/m² IV ** Day 1

‡Routine premedication administered; *Administer over 3 hours; **Administer over 1 – 2 hours with routine pre- and post-hydration.

DOSE MODIFICATION: Cisplatin doses reduced by 25% when the SCr was greater than 1.5 mg/dL.

Repeat cycle every 21 days to a maximum of 6 cycles.


DOCETAXEL – GEMCITABINE
Docetaxel‡ 40 mg/m² IV * Days 1 and 8

Followed by
Gemcitabine 800 mg/m² IV ** Days 1 and 8

‡Routine premedication administered; *Administer over 1 hour; **Administer over 30 minutes.

Repeat cycle every 21 days for a maximum of 6 cycles.


GEMCITABINE – CARBOPLATIN
Gemcitabine 1000 mg/m² IV Days 1 and 8
Carboplatin AUC 5* IV Day 1

*AUC calculated using the Calvert formula.

Repeat cycle every 21 days up to a maximum of 6 cycles.


GEMCITABINE – CISPLATIN
Gemcitabine 1000 mg/m² IV * Days 1, 8 and 15
Cisplatin 70 mg/m² IV ** Day 2

*Administer over 30 to 60 minutes; **Routine pre- and -post hydration required.

Repeat cycle every 28 days up to a maximum of 6 cycles.

**MVAC (METHOTREXATE – VINBLASTINE – DOXORUBICIN – CISPLATIN)**

<table>
<thead>
<tr>
<th>Drug</th>
<th>Dose</th>
<th>Route</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methotrexate</td>
<td>30 mg/m²</td>
<td>IV</td>
<td>Days 1, 15 and 22</td>
</tr>
<tr>
<td>Vinblastine</td>
<td>3 mg/m²</td>
<td>IV</td>
<td>Days 2, 15 and 22</td>
</tr>
<tr>
<td>Doxorubicin</td>
<td>30 mg/m²</td>
<td>IV</td>
<td>Day 2</td>
</tr>
<tr>
<td>Cisplatin</td>
<td>70 mg/m²</td>
<td>IV ¹</td>
<td>Day 2</td>
</tr>
</tbody>
</table>

¹Routine pre- and post-hydration required.

NOTE: If neoadjuvant therapy, patients treated with radical cystectomy after 3 cycles of MVAC chemotherapy.

Repeat cycle every 28 days.


**MVAC HIGH-DOSE (METHOTREXATE – VINBLASTINE – DOXORUBICIN – CISPLATIN)**

<table>
<thead>
<tr>
<th>Drug</th>
<th>Dose</th>
<th>Route</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methotrexate</td>
<td>30 mg/m²</td>
<td>IV</td>
<td>Day 1</td>
</tr>
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<td>IV</td>
<td>Day 2</td>
</tr>
<tr>
<td>Doxorubicin</td>
<td>30 mg/m²</td>
<td>IV</td>
<td>Day 2</td>
</tr>
<tr>
<td>Cisplatin</td>
<td>70 mg/m²</td>
<td>IV ¹</td>
<td>Day 2</td>
</tr>
<tr>
<td>G-CSF</td>
<td>240 mcg/m²</td>
<td>SQ</td>
<td>Days 4 – 10</td>
</tr>
</tbody>
</table>

¹Routine pre- and post-hydration required.

NOTE: If neoadjuvant therapy, patients treated with radical cystectomy after 3 cycles of MVAC chemotherapy.

Repeat cycle every 14 days until disease progression or unacceptable toxicities.


**PACLITAXEL – GEMCITABINE**

<table>
<thead>
<tr>
<th>Drug</th>
<th>Dose</th>
<th>Route</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paclitaxel</td>
<td>200 mg/m²</td>
<td>IV ¹</td>
<td>Day 1</td>
</tr>
<tr>
<td>Gemcitabine</td>
<td>1000 mg/m²</td>
<td>IV ²</td>
<td>Days 1, 8 and 15</td>
</tr>
</tbody>
</table>

¹Routine premedication administered; ²Administer over 1 hour; ²²Administer over 30 minutes.

Repeat cycle every 21 days to a maximum of 6 cycles.

Pemetrexed 500 mg/m² IV Day 1

*Administer over 10 minutes.

NOTE: Premedication with oral dexamethasone 4 mg twice daily for 3 days, beginning the day prior to the dose of pemetrexed, has significantly reduced the incidence and severity of rash. Folic acid (dose 350 micrograms to 1 mg PO daily) and vitamin B₁₂ (1000 to 1500 micrograms IM every 9 weeks) supplementation should be prescribed 1 - 2 weeks before starting the first dose of pemetrexed.

Repeat cycle every 21 days until disease progression or unacceptable toxicities.