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INTRAVESICLE MITOMYCIN INSTILLATION

PATIENT INFORMATION

Mitomycin (MMC) is a chemotherapeutic agent. In patients with low grade bladder cancer , it is recommended that a single immediate instillation would reduce the chances of recurrence in future

In selected patients with recurrent low grade bladder cancer, a course of mitoycin could be considered to reduce the chances of recurrence and hopefully reduce the number of requirements for general anaesthesia cystoscopies.

Mitomycin comes in a vial which needs to be reconstituted using 40 ml of NS.

How should you prepare for the treatment?

You should stop drinking 6 hours before the treatment is due to be given, although you may take a small amount of fluid to take any medication. If you take diuretics (Water tablets) please take these after your MMC treatment on the day. You may eat normally before the treatment. If you know or suspect that you have urine infection, please inform the nurse at the centre on your arrival. Your treatment will be planned after consultation with doctor.

How is the treatment given?

The treatment will be administered in the hospital. Your hospital admission will last approximately 2 hours on each occasion. The treatment is given whilst you are lying on a bed. A small tube called a catheter will be passed into your bladder. MMC is then inserted into your bladder via the catheter which is then removed. You will be advised to retain the MMC in your bladder for one hour. Every 15 minutes you should change position on the bed to allow an even distribution of the fluid within your bladder. Before leaving the ward you will be asked to pass urine into the toilet.

What precautions should you take?

Once outside your body the fluid can be unsafe for you or others if there is direct contact with the fluid. Therefore for 6 hours after treatment follow these guidelines:

Be sure you sit down to pass urine to avoid splashing.

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Drink plenty of fluids

Wash your genital area and hands every time you pass urine.

Are there any side effects to the treatment?

Some side effects can occur although they are temporary and manageable. Reactions usually occur 3-4 hours after the treatment and may last a day or so. The most common side effects include: frequent urination – Discomfort or burning sensation when urinating – traces of blood or debris in the urine. To cope with these side effects it is important that you drink lots of fluids and take Paracetamol if you have a raised temperature. If the symptoms continue for more than 3 days report to the consultant or emergency.

For emergency contact : EMERGENCY DEPARTMENT,

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General Instructions

1. Induction - MMC 40 mg in 40 cc NS given into the urinary bladder – first dose within 24 hrs of TURBT. Weekly there onwards for 5 weeks (total of 6 doses).
2. On the day of MMC – do not drink water/coffee/tea after 6am.
3. Before instillation give Inj.Gentamycin 160mg IV.
4. From the start of therapy till completion of 6 weeks take T.Cephalexin 250mg 0-0-1
5. MMC – Intravesical instillation 40 mg once a week for 6 weeks (all together). Then onwards once a month for 12 months atleast
6. Report to emergency in case of high grade fever or feeling unwell
7. Whilst the course is ongoing , 3 to 4 monthly flexible cystoscopies need to be carried out simultaneously as well

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