The use of water soluble mucoadhesive gels for the intravesical delivery of epirubicin to the bladder for the treatment of non-muscle invasive bladder cancer


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Figure 4

A

Average thickness of gel layer on the bladder wall (mm)

0 0.1 0.2 0.3 0.4 0.5 0.6

HEC 1% HEC 1.5% HPMC 2%

B

Epirubicin that crossed bladder wall (%)

0 1 2 3 4

C

Number of flushes with simulated urine

1% HEC Gel 1.5% HEC Gel 2% HPMC Gel Control Solution

D

Cumulative amount of epirubicin in simulated urine (%)

0 20 40 60 80 100

Number of flushes with simulated urine

A

B

C

D