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BLADDER INSTILLATION WITH A COMBINATED SOLUTION OF SODIUM HALURATE AND CHONDROITIN SULPHATE (IALURIL) IN RECURRENCE BACTERIAL CYSTITIS: OUR RESULTS

Hypothesis / aims of study

The chronic cystitis in women is a big problem. The pathogenesis is not very clear, but the bladder epithelium defect has a fundamental role. In the genesis of bladder flogosis the defect of glycosaminoglycans (GAGs) plays, probably, a role of the "primo movens".
In this study we evaluated the role ofbladder instillation with a combinated solution of sodium halurate and chondroitin sulphate (IALURIL) in patients with recurrent bacterial cystitis

Study design, materials and methods

From march 2010 to march 2011 55 patients is presented, mean age of 54 years, with diagnosis of recurrent bacterial cystitis, no responder to conventional teraphy. We treated, weekly, with intravesical solution of sodium halurate and chondroitin sulphate (IALURIL), in sterile solution, over a period of four weeks. Then, after steril urine, one instillation monthly for eight months. We evaluated, monthly, the urinocolture. The patients with positive urinocolture no underwent bladder instillation.

Results

There was no toxicity arising from the treatment, given that no adverse effects were recorded in relation to it. 27 pts (49.09%), after the complete cycle of instillation, had urinoculture negative in each exam evaluated. 14 pts (25.4%) had sterile urinoculture after the first four instillation, but they recurred after subsequent two months (11 pts) or three months (2 pts) or four months (1 pts). 11 pts presented in the first instillation positive urinocolture (20%).

Interpretation of results

This combinated sterile solution is effective in pts with a possible GAG layer deficit, reducing recurrence and bladder sintoms.

Concluding message

the clinical use of IALURIL in patients with chronic cystitis has a good tollerance.
The defintive results need to be confirmed in a controlled study with a major follow up

Specify source of funding or grant	**nothing**
Is this a clinical trial?	**No**
What were the subjects in the study?	**HUMAN**
Was this study approved by an ethics committee?	**No**
This study did not require ethics committee approval because	**no sperimental**
Was the Declaration of Helsinki followed?	**Yes**
Was informed consent obtained from the patients?	**Yes**