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## EFFICACY OF SOLIFENACIN WITH OR WITHOUT TAMSULOSIN IN PATIENTS WITH OVERACTIVE BLADDER

### Hypothesis / aims of study

To evaluate the efficacy of Solifenacin with or without Tamsulosin in patients with overactive bladder(OAB).

### Study design, materials and methods

180 patients with OAB were randomly divided into two groups(group A 100 patients, group B 80 patients). The patients received either Solifenacin 5mg/day in group A or combined with Tamsulosin 0.2 mg/day in group B for four weeks. During the treatment periods, all the patients recorded voiding and adverse events in a diary. The symptoms of urgency, frequency, incontinence were evaluated by OABSS scores at the beginning and end of the therapy periods.

### Results

The OABSS scores of group A at the beginning and end either were (10.5±4.8) and (5.0±1.7). The OABSS scores of group B at the beginning and end were (10.1±2.8) and (3.1±1.0). The two groups were significantly different ( $P<0.01$ ). In both groups the efficacy was obvious. The OABSS scores at the end of the therapy between group A and group B were significantly different ( $P<0.05$ ).

### Interpretation of results

The efficacy of group B was better than that of group A.

### Concluding message

The efficacy of Solifenacin combined with Tamsulosin was better than solifenacin alone in OAB.

### Disclosures

**Funding:** Solifenacin is a new drug which was used in our hospital from 2010. This new therapy is attached to clinical innovation fund projects of China-Japan Union Hospital, Jilin University. The cost of it should be paid by the health insurance company, by which the patient is insured. **Clinical Trial:** Yes **Public Registry:** No **RCT:** Yes **Subjects:** HUMAN **Ethics Committee:** Jilin University Drug committee **Helsinki:** Yes **Informed Consent:** Yes