



Homoeopathic Management Of Chronic Lower Urinary Tract Infection In Paediatric Age Group – A Case Report

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INTRODUCTION:

Urinary tract infection is a common medical problem encountered in paediatric age group. It represents the most common bacterial infection in children more than two years of age. Common micro-organisms responsible for urinary tract infection are gram-negative, Escherichia coli causes 80% of infections in patient. The clinical symptoms of UTI usually include frequency of urination, dysuria, Burning micturition, abdominal pain, back pain, fever and incontinence of urine. Homeopathic remedies are useful alternative to conventional medications in uncomplicated urinary tract infections in children and offering earlier symptom resolution.

A CASE OF LOWER URINARY TRACT INFECTION:

12 years old school going girl with the complaints of burning and urgency of urination since six months and pain in pubic region while passing urine since one month. It was a gradual onset with mild fever. She used common toilet in school and the parents stated that the cleanliness of toilet in school is not proper. While coming, she was suffering from burning sensation while and after passing the urine. Urine is hot in nature. She had urgency to pass urine nearly eight to nine times day time and two to three times in night with desire. She also had the complaints of dull aching pain in hypogastric region which was ameliorated by passing urine. Urine was white and sometimes yellow in color. There were no cloudy, not offensive and no sediment in urine.

PAST HISTORY:

Tonsillitis at the age of 9 yrs. took allopathic treatment and cured. No other significant history

FAMILY HISTORY: Nothing significant

PHYSICAL GENERAL: Appetite: normal, Thirst: normal, Stool: Regular and satisfied Perspiration: Normal, Thermal state: Hot

MENTAL GENERAL: She was getting irritable due to her complaints. She is oversensitive reaction to the external factors.

GENERAL PHYSICAL EXAMINATION: Patient was oriented with time, place and person. She is moderately built; there is no pallor, cyanosis, clubbing, jaundice, lymphadenopathy and pedal edema.

VITAL SIGNS: Pulse- 77/min, Respiratory rate- 18/min, Blood pressure – 110/70 mm of Hg and Afebrile.

INVESTIGATION: Urine culture showed plenty of colonies of E-goli bacteria which is more than 1×10^5 per ml in urine sample.

PROVISIONAL DIAGNOSIS: Chronic Lower Urinary Tract Infection**TOTALITY OF SYMPTOMS:**

- Irritable
- Over sensitiveness
- Desire: Sweets
- Thermal : Hot
- Urine: Burning pain < While and after urine
- Urine: Incontinence of urine, Urgency < Day time
- Urine: Hot urine
- Urine: Passing urine with desire
- Pain : Hypogatric region < Before urination, Day time , >After Urination
- Cystitis

REPERTORIAL RESULT:

Totally 10 symptoms were considered for repertorisation, Cantharis, Apis, Lyco, Thuja, covered most of the symptoms, With reference to the material medica Cantharis 200 was selected with repetition.

FIRST PRESCRIPTION:

Cantharis 200 / 1 dose,
SL – 3-3-3 Pills x 2 weeks

Date: 09-02-23

FOLLOW UP:

DATE	CHANGES IN SYMPTOMS	PRESCRIPTION
15-02-23	Urgency reduced, Burning micturition present, Pain in hypogatric region reduced, irritability came down, Patient feels better	1. SL Power pocket- One dose 2. SL Pills 3-3-3x 2 weeks
01-03-23	Urgency markedly reduced, Burning urination present, pain almost reduced in hypogastric region, Generals are good.	1. Cantharis- One dose 2. SL Pills 3-3-3x 2 weeks
14-03-23	Urgency markedly reduced, Burning urination reduced, No pain in hypogastric region, Generals are good.	1. Thuja 200- One dose 2. SL Pills 3-3-3x 2 weeks
27-03-23	Burning urination almost reduced, No urgency in urination, No pain in hypogastric region, Generals are good. She is co – operative with others, Interaction with smile with others.	1. Cantharis- One dose 2. SL Pills 3-3-3x 2 weeks
10-04-23	No Complaints, Feels better in all the levels. Generals are good.	No Treatment given



CONCLUSION:

In above case of chronic lower urinary tract infection, after repertorisation, Cantharis 200 was given as the similimum, Thuja 200 one dose given as a miasmatic intercurrent remedy. Cantharis 200 given six times with fifteen days interval and improvement of symptoms were seen, the end of third month patient relived from all the complaints and insignificant growth of E-goli few only seen in urine culture. Patient got cured in all the three planes Mental, Physical and Social. This reveals the efficacy of Homoeopathic medicines in the cure of Chronic Lower Urinary Tract Infection in paediatric age group as well as reduces the growth of gram negative bacteria in urine culture.

