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References :

1. de-Droat WC. Mechanisms underlying the recovery of lower urinary tract function following spinal cord injury. *Paraplegia* 1995;33:493-505.
2. Pikov V, Wrathass JR. Coordination of the bladder detrusor and the external urethral sphincter in a rat model of spinal cord injury: effect of injury severity. *J Neurosci* 2001;21:559-69.
3. Baraldo PS, Neves EG, Alves CM, et al. Pyrexia in hospitalized spinal cord injury patients. *Paraplegia* 1993;31:186-91.

- 4 – Montgomerie JZ , Morrow JW . Long-term Pseudomonas colonization in spinal cord injury patients. *Am J Epidemiol* 1980;112:508-517.
- 5- Cardenas DD , Hooton TM. Urinary tract infection in persons with spinal cord injury . *Arch Phys Med Rehabil* 1995;76:272-280.
6. Newman E, Price M. Bacteriuria in patients with spinal cord lesions: its relationship to urinary drainage appliance. *Arch Phys Med Rehabil* 1977;58:427-30.

- 7- Waites KB , Canupp Kc , Devivo MJ . Epidemiology and risk factors for urinary tract infection following spinal cord injury . Arch Phys Med Rehabil 1993;74:691-695.
- 8- Yoshimura N . Bladder afferent pathway and spinal cord injury : possible mechanisms including hyperreflexia of the urinary bladder . Prog Neurobiol 1999;57:583-606.
- 9- Weld KJ , Graney MJ , Dmochowski IR . Clinical significance of detrusor sphincter dyssynergia type in patients with post-traumatic spinal cord injury . Urology 2000;56:565-568.
- 10- Ho CH , Kirshblum S , Linsenmeyer TA , Millis SR . Effects of the routine change of chronic indwelling foley catheters in persons with spinal cord injury . J Spinal Cord Med 2001;24:101-104.
- 11- Anderson RU ,Hsieh-Mab ST . Association of bacteriuria and puyrla during intermittent catheterization after spinal cord injury . J Urol 1983;130:299-301.
- 12- Esclarin de Ruz A , Garcia Leoni E , Herruzo Cabrera . Epidemiology and risk factors for urinary tract infection in persons with spinal cord injury . J Urol 2000;164:1285-1286.
- 13- Foley SJ , Mcfarlane JP , Shah PJ , Vesico-ureteric reflux in adult patients with spinal injuries. Br J Urol 1997;79:888-891.
14. Levendoglu F; Ugurlu H; Ozerbil OM; Tuncer I; Ural O.Urethral cultures in patients with spinal cord injury.Spinal Cord 2004;42:106-9.
15. Penders J; Huylenbroeck AA; Everaert K; Van Laere M; Verschraegen GL.Urinary infections in patients with spinal cord injury. Spinal Cord 2003;41:549-52.
- 16- Erickson RP ,Merritt JL, Opitz JL, Ilstrup DM .Bacteriuria during follow up in patients with spinal cord injury. Arch Phys Med Rehabil .1982;63:409-412.
17. Jayawardena V; Midha M. Significance of bacteriuria in neurogenic bladder.J Spinal Cord Med 2004;27:102-5.
18. Haffman JM; Wadhvani R; Kelly E; Dixit B; Cardnas DD. Nitrite and leukocyte dipstick testing for urinary tract infection in individuals with spinal cord injury.J Spinal Cord Med 2004;27:128-32.
19. Linsenmeyer TA; Oakley Accuracy of individuals with spinal cord injury at predicting urinary tract infections based on their symptoms. J Spinal Cord Med 2003 ;26:352-7.