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The Maryland Genetics of Interstitial Cystitis Study
The MaGIC study

Definitions

Pelvic pain Occurring on most days for a period of 4 weeks or more, pain described by answering "yes" to the question: "Have you ever had any pelvic pain, either constantly or off or on? By pelvic pain I mean pain below the belly button and above the thighs. (FOR FEMALES: This includes in the female organs) (FOR MALES: This includes the penis and testicles). Written instructions to the participant will state this includes anything between the waist and upper thighs including genitalia, urethra, and perineum.[1]

Bladder pain Pelvic pain, pressure or discomfort which is changed with bladder filling and/or bladder emptying

Pertinent urinary symptoms

1) Frequency ≥11/24 hours[2]
2) Nocturia ≥2/night
3) Urgency: the compelling urge to urinate which is difficult to postpone

[1] Adapted from, Mathais, S.D., Kuppermann, M., Liberman, R.F., Lipschutz, R.C., Steege, J.F. Chronic Pelvic Pain: Prevalence, Health-Related Quality of Life, and Economic Correlates. Obs & Gyn. 1996; 87:321-327. This was a Gallup poll of almost 18,000 American women who were asked the question: " In the past 3 months, have you ever had any pelvic pain, either constantly or off or on? By pelvic pain I mean pain below the belly button or in the female organs".

[2] The study by FitzGerald et. al. (Am J Obstet Gynecol. 2002; 1384-1388) recruited 300 women at Loyola hospital by advertising: 95% voided 12 times or fewer per 24 hours. This was significantly more than the 151 Scandinavian women of whom 95% voided 8 times or fewer per 24 hours (Scandinavian J Urol Nephrol 1988; 114(suppl):53-7). In the IC Data Base, 33% had "frequency" of less than 10 voids (seems to be during waking hours although the report is somewhat unclear. At any rate, 38% of nocturias are 0 to 1 suggesting a substantial proportion of IC/PBS patients have fewer than 12 voids/24 hours). We chose 11 or more/24 hour because it is halfway between the Loyola and Scandinavian studies.