993
Stanford E[1], McMurphy C[2]
1. University of Tennessee, 2. Mt. Vernon, Illinois

DIFFERENCES BETWEEN PATIENTS WITH INTERSTITIAL CYSTITIS ALONE COMPARED TO THOSE WITH CONCOMITANT DISORDERS

Hypothesis / aims of study
To evaluate the characteristics of patients with interstitial cystitis (IC) alone compared to patients with IC and concomitant disorders.

Study design, materials and methods
A retrospective database review and telephone survey was conducted at a Urogynecologic center. The records of 212 confirmed IC patients were identified of which 122 patients completed a telephone survey (58%) to confirm results. Statistical analysis included Mann-Whitney U test and Kruskal-Wallis 1-way ANOVA). IRB approval was obtained.

Results
Baseline demographics revealed a mean age of 40.9 ± 14.4 years, age at initial diagnosis of 35.6 ± 14.6 years, and an average PUF scores at diagnosis of 19. Concomitant disorders were analyzed including endometriosis, adhesions, vulvar vestibulitis, and irritable bowel syndrome (IBS). Total disorders were IC alone (N=37), IC plus one disorder (N=54), and IC plus greater than one disorder (N=31) (2 disorders (N=18), 3 disorders (N=11), and 4 disorders (N=2). Patients with >1 disorder were significantly younger when first seen (p = 0.007) and the age when they became symptomatic (p=0.001). PUF scores were significantly higher for patients with > 1 concomitant disorder compared to patients with IC alone (p=0.021). Table 1

Interpretation of results
This study looks at a large number of women diagnosed with IC who were screened for a finite group of common concomitant pelvic pain disorders. Characteristics vary as to age of onset of symptoms and screening questionnaire scores depending upon the number of screened and diagnosed pain generators in patients with IC.

Concluding message
It appears that patients diagnosed with IC and concomitant disorders develop symptoms and present at a younger age and have significantly higher PUF scores compared to patients with a diagnosis of IC alone. Table 1

	Concomitant disorder	N	Mean	SD	p value
Age seen	None	37	43.7	16.4	
	One	54	42.7	16.3	
	> One	31	33.2	9.1	0.007
Age at initial diagnosis	None	37	40.9	16.2	
	One	54	40.9	16.2	
	> One	31	28.5	8.2	0.001
PUF score at diagnosis	None	32	15.7	16.8	
	One	52	17.9	5.5	
	> One	28	21	5.98	0.021