

Supplementary Table 1. Medical conditions that were statistically significant more prevalent in subjects with interstitial cystitis in the general population

Condition	RR	95% CI	
		Lower	Upper
gender = FEMALE	1.72	1.69	1.75
Pain	1.52	1.47	1.58
Pain finding at anatomical site	1.52	1.46	1.57
Inflammation of specific body organs	1.41	1.36	1.46
Inflammation of specific body systems	1.37	1.32	1.41
Pain of truncal structure	1.88	1.78	1.98
Arthropathy	1.55	1.47	1.64
Ear, nose and throat disorder	1.40	1.33	1.46
Inflammatory disorder of the respiratory tract	1.43	1.36	1.50
Inflammatory disorder of the respiratory system	1.43	1.36	1.50
Pain of head and neck region	2.18	2.02	2.36
Inflammatory disorder of upper respiratory tract	1.51	1.43	1.60
Inflammatory disorder of head	1.47	1.39	1.56
Acute respiratory disease	1.46	1.38	1.55
Neoplastic disease	1.61	1.51	1.71
Female reproductive system disorder	2.72	2.49	2.98
Soft tissue lesion	1.40	1.33	1.47
Musculoskeletal pain	1.65	1.54	1.76
Musculoskeletal and connective tissue disorder	1.48	1.40	1.58
Abdominal pain	2.41	2.20	2.64
Acute inflammatory disease	1.48	1.39	1.57
Mass of trunk	1.87	1.73	2.03
Benign neoplastic disease	1.66	1.54	1.79
Malaise and fatigue	1.99	1.83	2.17
Malaise	1.99	1.83	2.17
Generally unwell	1.99	1.83	2.17
Sinusitis	1.80	1.66	1.96
Vascular disorder	1.73	1.60	1.88
Craniofacial pain	2.39	2.16	2.63
Inflammatory disorder of digestive system	1.62	1.50	1.75
Acute sinusitis	1.89	1.73	2.06
Mood disorder	2.26	2.05	2.50
Backache	1.87	1.71	2.04
Inflammatory disorder of digestive tract	1.63	1.50	1.76
Skin or mucosa lesion	1.43	1.33	1.53
Headache	2.61	2.34	2.90
Headache	2.51	2.37	2.65

Lesion of skin and/or skin-associated mucous membrane	1.44	1.35	1.55
Gastroesophageal reflux disease	2.34	2.11	2.59
Inflammatory disease of mucous membrane	1.66	1.52	1.80
Depressive disorder	2.26	2.04	2.51
Skin lesion	1.43	1.33	1.54
Osteoarthritis	1.86	1.69	2.04
Degenerative disorder of musculoskeletal system	1.86	1.69	2.04
Allergic condition	1.74	1.59	1.90
Cartilage disorder	1.84	1.68	2.02
Neuropathy	1.96	1.77	2.16
Chest pain	1.93	1.75	2.13
Rhinitis	1.80	1.64	1.97
Allergic disorder by body site affected	1.75	1.59	1.92
Peripheral nerve disease	2.06	1.86	2.28
Anxiety disorder	2.27	2.03	2.53
Neoplasm of trunk	1.78	1.62	1.96
Joint pain	1.50	1.38	1.63
IgE-mediated allergic disorder	1.76	1.59	1.93
Atopic IgE-mediated allergic disorder	1.75	1.59	1.93
Allergic disorder of respiratory system	1.75	1.59	1.93
Allergic rhinitis	1.78	1.61	1.96
Mass of soft tissue	1.47	1.35	1.60
Neoplasm of skin	1.54	1.41	1.68
Abdominal mass	2.11	1.89	2.36
Headache disorder	3.56	3.12	4.07
Neoplasm of integumentary system	1.53	1.40	1.67
Mass of skin	1.49	1.36	1.62
Neoplasm of soft tissue	1.52	1.39	1.65
Muscle pain	2.97	2.61	3.38
Chronic disease of respiratory system	1.76	1.59	1.95
Hypothyroidism	1.83	1.65	2.03
Inflammatory disorder of genitourinary system	2.92	2.57	3.33
Low back pain	1.87	1.68	2.09
Female genital organ symptoms	5.70	4.91	6.62
Inflammatory disorder of musculoskeletal system	1.71	1.55	1.90
Finding related to menstrual cycle	2.46	2.17	2.79
Perimenopausal disorder	3.10	2.71	3.55
Chronic inflammatory disorder	1.85	1.65	2.06
Pain in limb	1.36	1.26	1.47
Benign neoplasm of soft tissue	1.53	1.39	1.68
Benign neoplasm of skin	1.55	1.41	1.70
Hyperlipidemia	1.21	1.14	1.28

Functional finding of respiratory tract	1.76	1.57	1.96
Inflammatory disease of female genital structure	3.06	2.66	3.52
Cough	1.75	1.57	1.96
Menopausal syndrome	3.25	2.82	3.76
Viral disease	1.61	1.45	1.79
Intervertebral disc disorder	2.22	1.96	2.52
Benign neoplasm of trunk	1.85	1.65	2.07
Migraine	3.55	3.07	4.12
Vascular headache	3.55	3.07	4.12
Neck pain	2.27	2.00	2.58
Osteochondropathy	2.00	1.77	2.26
Lesion of breast	2.46	2.15	2.81
Lesion of joint	1.43	1.30	1.57
Tracheobronchial disorder	1.48	1.34	1.64
Pelvic mass	2.31	2.01	2.64
Nausea	2.99	2.57	3.46
Mass of urogenital structure	2.49	2.16	2.86
Inflamed joint	1.92	1.69	2.17
Arthritis	1.92	1.69	2.17
Recurrent disease	2.32	2.03	2.67
Neuritis	2.21	1.93	2.53
Inflammatory neuropathy	2.21	1.93	2.53
Vaginitis	3.13	2.69	3.65
Measurement finding outside reference range	1.51	1.36	1.68
Neoplasm of abdomen	1.98	1.74	2.26
Mass of female genital structure	2.85	2.45	3.32
Finding related to sleep	1.81	1.60	2.05
Peripheral neuritis	2.24	1.95	2.58
Tracheobronchitis	1.53	1.38	1.71
Visual system disorder	1.20	1.12	1.29
Functional disorder of intestine	2.81	2.41	3.28
Bronchitis	1.52	1.36	1.70
Inflammatory disorder of lower respiratory tract	1.46	1.31	1.62
Neoplasm of intra-abdominal organs	2.06	1.79	2.37
Acute tracheobronchitis	1.62	1.44	1.83
Traumatic injury	1.23	1.13	1.33
Radiculitis	2.27	1.95	2.63
Nerve root disorder	2.22	1.91	2.58
Acute bronchitis	1.61	1.42	1.82
Degeneration of intervertebral disc	2.22	1.91	2.58
Degenerative disorder of cartilage	2.22	1.91	2.58
Heart disease	1.38	1.24	1.52

Musculoskeletal disorder of the neck	1.97	1.71	2.27
Acute infectious disease	1.47	1.31	1.64
Benign neoplasm of abdomen	2.15	1.85	2.49
Mass of thoracic structure	2.26	1.93	2.63
Functional finding of gastrointestinal tract	2.50	2.13	2.94
Benign neoplasm of intra-abdominal organs	2.13	1.83	2.47
Acute upper respiratory infection	1.46	1.30	1.64
Inflammatory disorder of extremity	1.50	1.34	1.69
Lesion of neck	2.05	1.77	2.38
Upper abdominal pain	2.70	2.29	3.20
Vulvovaginal disease	3.04	2.55	3.62
Radiology result abnormal	2.03	1.74	2.35
Imaging result abnormal	2.03	1.74	2.35
Vulvitis	3.05	2.56	3.63
Bleeding	1.90	1.64	2.20
Breast lump	2.32	1.97	2.72
Inflammation of vulva	3.03	2.54	3.61
Vulvovaginitis	3.03	2.54	3.61
Vaginitis and vulvovaginitis	3.06	2.56	3.65
Dyssomnia	2.06	1.76	2.40
Asthma	1.74	1.51	2.01
Inflammatory dermatosis	1.39	1.24	1.55
Arthritis of spine	2.23	1.89	2.63
Soft tissue injury	1.37	1.22	1.53
Disorders of initiating and maintaining sleep	2.25	1.91	2.66
Neoplastic disease of uncertain behavior	1.59	1.39	1.83
Articular cartilage disorder	1.80	1.55	2.09
Benign essential hypertension	1.21	1.11	1.32
Benign hypertension	1.21	1.11	1.32
Ankylosis of spine	2.21	1.87	2.61
Spondylosis	2.21	1.87	2.61
Pharyngitis	1.37	1.23	1.54
Lesion of ovary	3.70	3.04	4.50
Ankylosis of joint	2.17	1.84	2.57
Essential hypertension	1.12	1.05	1.20
Hypertensive disorder	1.12	1.05	1.20
Gastritis	2.79	2.32	3.36
Palpitations	2.33	1.95	2.77
Finding related to awareness of heart beat	2.33	1.95	2.77
Mass of ovary	3.62	2.96	4.41
Mass of uterine adnexa	3.59	2.94	4.38
Dyspnea	1.83	1.56	2.13

Difficulty breathing	1.82	1.56	2.13
Diarrhea	2.46	2.05	2.95
Altered bowel function	2.46	2.05	2.95
Acute digestive system disorder	1.37	1.22	1.54
Esophagitis	2.67	2.22	3.21
Neoplasm of pelvis	2.14	1.80	2.54
Right sided abdominal pain	2.94	2.43	3.57
Irritable bowel syndrome	4.30	3.49	5.30
Nutritional deficiency disorder	1.95	1.65	2.30
Insomnia	2.22	1.86	2.64
Measurement finding below reference range	1.59	1.37	1.83
Thoracic radiculitis	2.34	1.95	2.81
Chronic sinusitis	2.01	1.70	2.38
Undernutrition	1.93	1.63	2.28
Thoracic radiculopathy	2.31	1.92	2.77
Deficiency of micronutrients	1.95	1.64	2.30
Mycosis	1.70	1.45	1.98
Neoplasm of skin region	1.48	1.29	1.69
Spasm	1.91	1.62	2.26
Major depressive disorder	2.79	2.29	3.40
Acute pharyngitis	1.36	1.20	1.53
Maxillary sinusitis	2.34	1.94	2.82
Central abdominal pain	2.90	2.37	3.54
Cyst of abdomen	3.40	2.76	4.20
Degenerative disorder of eye	1.29	1.15	1.45
Vitamin deficiency	1.93	1.62	2.29
Vitamin disease	1.92	1.62	2.28
Cyst of ovary	3.45	2.79	4.26
Enthesopathy	1.86	1.57	2.21
Dizziness and giddiness	1.79	1.52	2.12
Dizziness	1.79	1.52	2.12
Giddiness	1.79	1.52	2.12
Cyst of uterine adnexa	3.44	2.78	4.25
Pure hypercholesterolemia	1.28	1.14	1.43
Hypercholesterolemia	1.28	1.14	1.43
Allergic disorder by allergen type	2.25	1.86	2.71
Degeneration of lumbosacral intervertebral disc	2.22	1.84	2.68
Degeneration of lumbar intervertebral disc	2.22	1.84	2.68
Menorrhagia	3.19	2.59	3.94
Recurrent major depressive episodes	2.82	2.30	3.46
Recurrent depression	2.82	2.30	3.46
Recurrent major depression	2.82	2.30	3.46

Arthralgia of the pelvic region and thigh	2.21	1.83	2.66
Chronic mental disorder	2.76	2.25	3.38
Allergic rhinitis due to pollen	2.25	1.86	2.72
Seasonal allergic rhinitis	2.25	1.86	2.72
Neoplasm of uncertain behavior of soft tissues	1.52	1.31	1.76
Human papilloma virus infection	1.69	1.44	1.99
Disease due to Papilloma virus	1.69	1.44	1.99
Disease due to Papillomaviridae	1.69	1.44	1.99
Neuropathy of lower limb	2.29	1.89	2.77
Hemoglobin low	1.55	1.33	1.80
RBC count abnormal	1.55	1.33	1.80
RBC count low	1.55	1.33	1.80
Hemoglobin level outside reference range	1.55	1.33	1.80
Neoplasm of uncertain behavior of skin	1.53	1.32	1.77
Sprain of joint	1.35	1.19	1.53
Sprain of ligament	1.35	1.19	1.53
Ligament injury	1.35	1.19	1.53
Pain in lower limb	1.38	1.21	1.57
Neoplasm of female genital organ	2.78	2.26	3.41
Abnormality of systemic vein	1.74	1.47	2.05
Benign epithelial neoplasm of skin	1.41	1.23	1.62
Epithelial neoplasm of skin	1.40	1.23	1.61
Mass of digestive structure	1.78	1.50	2.11
Neoplasm of digestive system	1.81	1.52	2.15
Pain in upper limb	1.46	1.27	1.69
Colonic lesion	1.62	1.38	1.90
Abnormal menstrual cycle	2.95	2.39	3.66
Excessive and frequent menstruation	3.18	2.56	3.96
Polymenorrhea	3.18	2.56	3.96
Joint injury	1.28	1.13	1.44
Lesion of uterus	2.47	2.02	3.03
Edema	1.71	1.44	2.02
Lower abdominal pain	2.80	2.26	3.47
Distention of blood vessel	1.65	1.40	1.95
Peripheral vascular disease	1.51	1.30	1.76
Mitral valve disorder	2.29	1.87	2.80
Epigastric pain	2.81	2.26	3.48
Mixed hyperlipidemia	1.47	1.27	1.70
Heart valve disorder	1.89	1.57	2.26
Abnormal findings on diagnostic imaging of breast	2.08	1.71	2.52
Head and neck injury	1.55	1.32	1.81
Neoplasm of digestive tract	1.75	1.46	2.09

Venous varices	1.69	1.42	2.02
Distention of vein	1.69	1.42	2.02
Ectactic vein	1.69	1.42	2.02
Atrophic mucosa	3.46	2.74	4.36
Generalized abdominal pain	2.95	2.36	3.70
Acute maxillary sinusitis	2.39	1.94	2.95
Chronic mucositis	2.11	1.73	2.57
Neuralgia	2.42	1.96	2.99
Peripheral neuralgia	2.42	1.96	2.99
Contact dermatitis	1.47	1.26	1.72
Benign neoplasm of pelvis	2.56	2.06	3.18
Vomiting	2.14	1.74	2.63
Nausea and vomiting	2.58	2.07	3.22
Enteritis of small intestine	2.80	2.23	3.52
Neoplasm of digestive organ	1.75	1.46	2.10
Altered sensation of skin	2.06	1.68	2.52
Gastro-esophageal reflux disease with esophagitis	2.54	2.03	3.16

RR, relative risk; CI, confidence interval.