

TOTAL NUMBER OF RESPONDENTS: 317

(percentage figures rounded to nearest integer; those less than 1% excluded)

AGE GROUPS:

- 30-40: 16 = 5%
- 40-50: 55 = 17%
- 50-60: 124 = 39%
- 60-70: 84 = 27%
- 70-80: 36 = 11%
- 80-90 : 2

GENDER:

- MALE: 94 = 30%
- FEMALE: 223 = 70%

TIME SINCE DIAGNOSIS (YEARS)

(17 = 5% unspecified)

- 1 - 5: 87 = 27%
- 5 -10: 80 = 25%
- MORE THAN 10: 133=42%

LEVEL OF LESION (S):

- LUMBAR: 277 = 87%

LUMBAR LESION ONLY:

- 186 = 59%

THORACIC:

- 75 = 24%

CERVICAL:

- 62 = 20%

WIDESPREAD:

- 131 = 41%

CRANIAL:

- 43 = 14%

RISK FACTORS:

- TRAUMA: 25=8%

- STENOSIS:	59 = 19%
- SPINAL SURGERY:	236 = 74%
- OIL-BASED MYELOGRAM:	183 = 58%
- WATER-BASED MYELOGRAM:	95 = 30%
- UNSPECIFIED MYELOGRAM:	63 = 20%
- SPINAL/EPIDURAL ANAESTHETIC:	73 = 24%
- EPIDURAL STEROID INJECTION:	193 = 61%
- MENINGITIS(including chemical):	23 = 7%
- CHYMOPAPAIN:	4
- LUMBAR PUNCTURE:	7 = 2%
- SUBARACHNOID HAEMORRHAGE:	2
- SPINAL TUMOUR:	3
- EPENDYMOBLASTOMA:	1
- DURAL TEAR/PUNCTURE/CSF LEAK:	8 = 2%

FURTHER DATA ABOUT MYELOGRAMS:

TOTAL NUMBER OF CASES WHO HAD A MYELOGRAM: 267=85%

OF ALL RESPONDENTS SINGLE MYELOGRAM: 146

MULTIPLE MYELOGRAMS: 121

CASES WITH OIL-BASED ONLY: 117 (44% OF TOTAL NUMBER OF MYELOGRAMS)

CASES WITH WATER-BASED ONLY: 44 (16% OF TOTAL)

CASES WITH BOTH: 49 (18% OF TOTAL)

UNSPECIFIED: 57(21% OF TOTAL)

CHEMICALLY INDUCED ARACHNOIDITIS (NO OTHER RISK FACTORS): 40 = 13%

MISCELLANEOUS ASSOCIATED CONDITIONS:

- SYRINGOMYELIA: 6 = 2%
- ARACHNOID CYST: 1
- ARNOLD CHIARI MALFORMATION 1: 1
- PARS DEFECT:1
- CONGENITAL BRAIN AND SPINAL CORD DEFECTS:1
- SPINA BIFIDA OCCULTA: 12=4%
- TETHERED CORD: 3 + DIASTIGMATIC MYELIA:1
- SPINAL ABSCESS: 2
- POST-OPERATIVE INFECTION(SPINAL): 2
- TARLOV CYSTS: 2
- CONGENITAL KYPHOSCOLIOSIS: 1 POSSIBLE ASSOCIATED FACTORS:
- RHIZOLYSIS: 2
- RACZ PROCEDURE(HYALURONIDASE): 1

PREVIOUS SERIOUS VIRAL INFECTION

- (EBV*,HERPES ZOSTER**, HEPATITIS ETC.): 41=13%
- MUMPS ENCEPHALITIS: 1
- TUBERCULOSIS: 4
- POLIOMYELITIS 2 + 1?

*EPSTEIN-BARR VIRUS=GLANDULAR FEVER/INFECTIOUS MONONUCLEOSIS

**CHICKEN POX/SHINGLES

OTHER INFECTIOUS DISEASE:

- LYME DISEASE: 1
- BRUCELLOSIS: 2

- RHEUMATIC FEVER: 2
- TYPHOID : 1 Results:

SYMPTOMS/SIGNS TOTAL NUMBER OF PARTICIPANTS: 317

(223 Female 94 Male)

Age range : 30-82

Mean age group:50-60

- Pain: 100% (see accompanying notes)
- Stiffness : 79%
- Muscle cramps/twitches/spasms 81%
- Weakness 82%
- Balance difficulties 70%
- Numbness/tingling 86%
- Bladder/bowel/sexual dysfunction 68%
- Difficulty in thinking clearly/decision making/memory 63%
- Depression/anxiety 62%
- Sleep disturbance 84%
- Increased sweating 63%
- Heat intolerance 58%
- Intermittent low grade fevers 28%
- Flu-like feeling and malaise 42%
- Raised ESR /white cell count 14%
- Enlarged lymph nodes 10%
- Joint pains 72%
- Skin rashes 32%
- Frequent infections 20 %
- Sinusitis 32%
- Slow healing/tendency to scar easily 29%
- Limb/generalised swelling 38%
- Reflex Sympathetic Dystrophy: 3
- Trouble swallowing 27%
- Angina type chest pain (but no heart disease found) 31%
- Weight gain 50%

- Reduced mobility (i.e. house/chair/bed bound?) 68%
- Allergies (new, e.g. multiple drug allergies)
- 25% Dizziness/vertigo 44%
- Dry eyes/mouth 58%
- Bruising 39%
- Fatigue 76%
- Dental problems (tooth/gum)
- 28% Low potassium 10%
- Abnormal blood tests 13%
- Abnormal kidney function
- 7% Abnormal liver enzymes
- 7% chemical hepatitis 1
- Osteoporosis 14%
- Shortness of breath 32%
- Lung problems 10% Gastrointestinal problems: general 41%
- Irritable Bowel Syndrome 8%,
- Visual problems 45%
- (Women) menstrual irregularities (if pre-menopausal)/early menopause/painful periods 14%

Diagnosis of Autoimmune disorder:

- Ankylosing Spondylitis 4;
- Autoimmune hearing loss 1;
- Autoimmune pancreatitis 2;
- Coeliac disease: 1;
- Crohn's disease: 2;
- Type 1 Diabetes Mellitus 12;
- Endometriosis 4;
- Haemolytic Anaemia 1;
- Lupus 5 (incl. 1 discoid) + 4 ?;
- Multiple Sclerosis 11 + 3?;
- Polymyalgia Rheumatica 4;
- Psoriasis 1;
- Psoriatic arthritis 1;
- Raynaud's disease 26;
- Rheumatoid Arthritis 23;
- Sarcoidosis : 1; Sjogren's disease 3+ 2?
- Thyroiditis/Hypothyroidism 20;
- Ulcerative Colitis 1;
- Uveitis/Iritis 1;
- Vitiligo 1;
- Pernicious Anaemia: 1;

- Miscellaneous Autoimmune 9;
- Fibromyalgia: 19; ?FMS 2;
- Total (incl.FMS) = 154 = 48%;
- Number of cases* = 87 + 11 FMS = 98 = 30% prevalence.

(*i.e. with one or more diagnosed autoimmune conditions)

Diagnosis of:

- Multiple Chemical Sensitivity 2;
- Myalgic Encephalopathy 1+1?;
- Chronic Fatigue Syndrome 3;
- Myofascial Syndrome 1;
- Myalgia 1

Other neurological diagnoses:

- Epilepsy: 3;
- Parkinson's 1;
- Peripheral neuropathy 1;
- Postpolio syndrome: 1

Miscellaneous conditions:

- Carpal Tunnel Syndrome: 1;
- Paget's disease: 1;
- Erythema nodosum 1;
- Renal calculi: 7;
- general renal problems (e.g hydronephrosis, haematuria): 13;
- Hiatus hernia/reflux oesophagitis: 8
- Chronic leukaemia 1;
- Thyroid cysts: 2 (see below)

Tumours:

- Breast: 5;
- Prostate 2;
- bladder 1;
- cervical 1;
- thyroid 2;
- ovarian 1;
- pituitary 1;
- colorectal 1;
- renal 1(with lung metastases);
- "bowel" 1;
- malignant melanoma 1;
- Melanoma: 1;
- Lymphoma:1