

**POPULATION BASED SURVEY FOR RHEUMATIC
MUSCULOSKELETAL DISORDERS (RMSD) BASED ON WHO-ILLAR
COPCORD BHIGWAN MODEL**

PRINCIPLE INVESTIGATOR: Prof Rohini Handa

Date Begun- Phase I : August 2006 to Jan 2007

Date Completed- Phase III : Sept 2006 to Jan 2007

DELHI- COPCORD

- Survey site-

Village : ATALI

Tehsil : Ballabgarh

Dist : Faridabad

Type: Rural

- Survey Design- Non-randomized

- Population Size : 4187

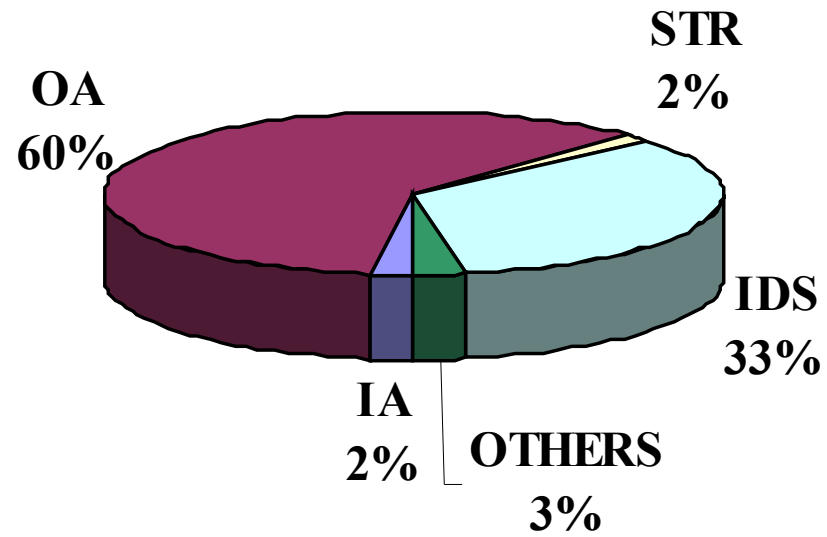
Response Rate

- **Target population : 4187**
- **Phase I: 3722 (Response: 88.89 %)**
- **Phase II: 566 (15.2%)**
- **Phase III: 499 (Response: 88.16 %)**

Prevalence of pain at various sites

Category	Prevalence n=3722 (95% CI)
PAIN SITE (N= 499)	13.4 (12.33, 14.54)
Knee	11.1 (10.07, 12.12)
Lower back	8.7 (7.74, 9.62)
Shoulder	3.9 (3.29, 4.56)
Upper back	3.7 (3.07, 4.30)
Hip	3.5 (2.95, 4.16)
Ankle	1.8 (1.42, 2.31)
Elbow	1.6 (1.25, 2.10)
Neck	1.0 (0.67, 1.33)
Hands & Wrist	1.2 (0.90, 1.64)
Feet	0.4 (0.24, 0.69)

DISTRIBUTION OF MAJOR RHEUMATIC DISORDERS



Crude Prevalence Rates of Rheumatic Disorders - A

S.NO.	Diagnostic Category	N=3722 (95% CI) Crude
1	Rheumatoid Arthritis	0.13 (0.04, 0.31)
2	Osteoarthritis	8.03 (7.18, 8.95)
3	Seronegative Spondyloarthropathy	0.03 (0.00, 0.15)
4	Soft Tissue Rheumatism	0.21 (0.09, 0.42)
5	Inflammatory Arthritis – Undifferentiated	0.11 (0.03, 0.27)
6	Crystal Deposition Disorder	0.03 (0.00, 0.15)
7	Symptom Related	0.03 (0.00, 0.15)

Crude Prevalence Rates of Rheumatic Disorders - B

S.NO.	Diagnostic Category	N=3722 (95% CI) Crude
8	Ill-Defined Rheumatic Symptom	0.24 (0.11, 0.45)
9	Ill-Defined Symptom	4.11 (3.45, 4.79)
10	Infections	0.05 (0.00, 0.19)
11	Non Specific Arthritis	0.08 (0.02, 0.23)
12	Trauma Related	0.27 (0.13, 0.49)
13	Vague Symptoms	0.03 (0.00, 0.15)
14	Vertebral Spine Related	0.05 (0.00, 0.19)