

**PREVALENCE OF RHEUMATIC/ MUSCULOSKELETAL
DISORDERS IN JAMMU REGION- A MULTI-CENTRIC STUDY
(BJD-NAN-INDIA)**

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(BJD-NAN-INDIA)**

Presentation by

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STUDY DESIGN

Geographical Location : Jammu

Population Size: 4500

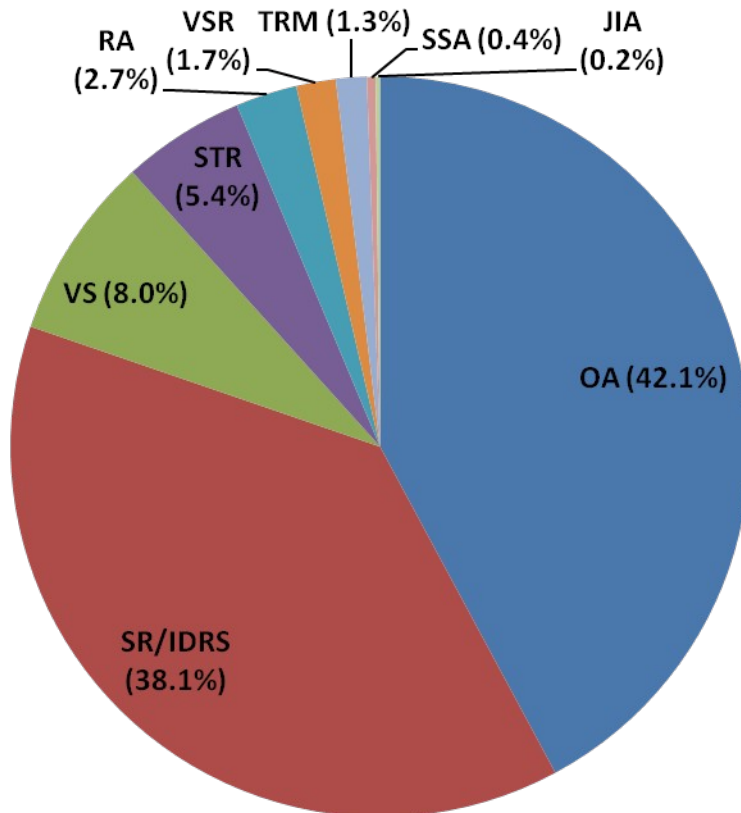
RESPONSE RATE

Phase I : 4500

Phase II : 522

Phase III : 522 (Response Rate : 100%)

Frequency (%) Distribution of Common Rheumatic Disorders (N=522)



RA = Rheumatoid Arthritis

OA = Osteoarthritis

**SSA = Seronegative Spondylo
Arthritis**

JIA = Juvenile inflammatory Arthritis

STR = Soft Tissue Rheumatism

SR = Symptom Related

**IDRS = Ill Defined Rheumatic
Symptoms**

VSR = Vertebral Spine Related

VS = Vague Symptoms

TRM = Trauma Related

Unadjusted Crude Prevalence Rates of Rheumatic Disorders Population N = 4500

Diagnosis	Prevalence (95% Confidence Interval)
Rheumatoid Arthritis	0.31 (0.17, 0.52)
Seronegative Spondylo Arthritis	0.04 (0.00, 0.16)
Juvenile Inflammatory Arthritis	0.02 (0.00, 0.12)
Osteo-Arthritis	4.9 (4.27, 5.55)
Soft Tissue Rheumatism	0.62 (0.41, 0.89)
Symptom Related (SR)/ILL – Defined Rheumatic Symptom	4.42 (3.84, 5.06)
Vague Symptoms	0.93 (0.67, 1.25)
Vertebral Spine Related	0.20 (0.09, 0.37)
Trauma	0.15 (0.06, 0.32)

Summary

- ✓ Females commonly affected with Rheumatic Disorder
- ✓ OA commonest disorder followed by Symptom Related (SR)/ILL–Defined Rheumatic Symptom, Vague Symptoms & RA
- ✓ OA commonly affected 46-65 year age group, whereas Symptom Related (SR)/ILL – Defined Rheumatic Symptom and vague symptoms affected commonly 15-45 years age group
- ✓ Knee OA, Low back ache, Myalgia, Frozen Shoulder & seropostive RA Common
- ✓ Light and moderate type of work doing people more affected
- ✓ HT, DM and Anemia most common co-morbid conditions