

STRUCTURE OF DISEASES IN PATIENTS OF THE RHEUMATOLOGY DEPARTMENT (FOR 2015-2019)

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Introduction

- ❑ Over the past decade, there has been an increase in the number of rheumatic diseases of both the musculoskeletal system and systemic connective tissue diseases.
- ❑ The most significant diseases of the musculoskeletal system in the population are: Rheumatoid Arthritis (RA), Osteoarthritis (OA), Reactive Arthropathy (ReA), Psoriatic Arthropathy (PsA), Ankylosing Spondylarthritis (ASp), and Gouty Arthritis and others
- ❑ Among Systemic connective diseases, the most common are: Systemic Lupus Erythematosus (SLE), Systemic Scleroderma (SS), and Systemic vasculitis (SV) and other.

THE PURPOSE OF THE STUDY

To conduct statistical analysis of the structure of Rheumatological diseases according to hospitalization data of the Vitebsk Regional Clinical Hospital for 2015 - 2019



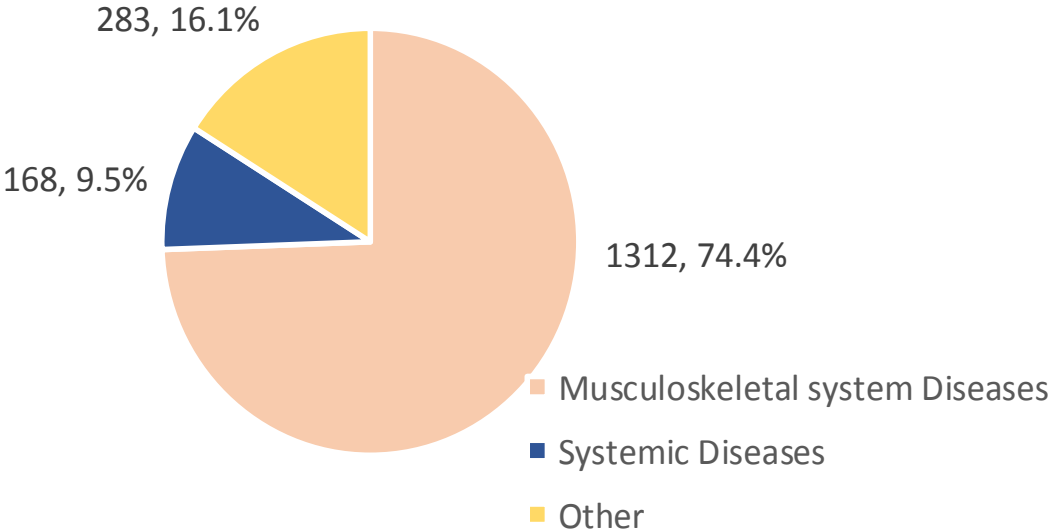
MATERIAL AND METHODS

- ❑ A comparative analysis of the structure of Rheumatological diseases in adults was carried out according to hospitalization data of the Vitebsk Regional Clinical Hospital during a 5 year observation period.
- ❑ All patients with these diseases were examined and treated in the Rheumatology Department in the period from 2015 - 2019
- ❑ We performed a comprehensive general clinical, laboratory (serological, immunological) and instrumental (X-ray, ultrasound) studies.

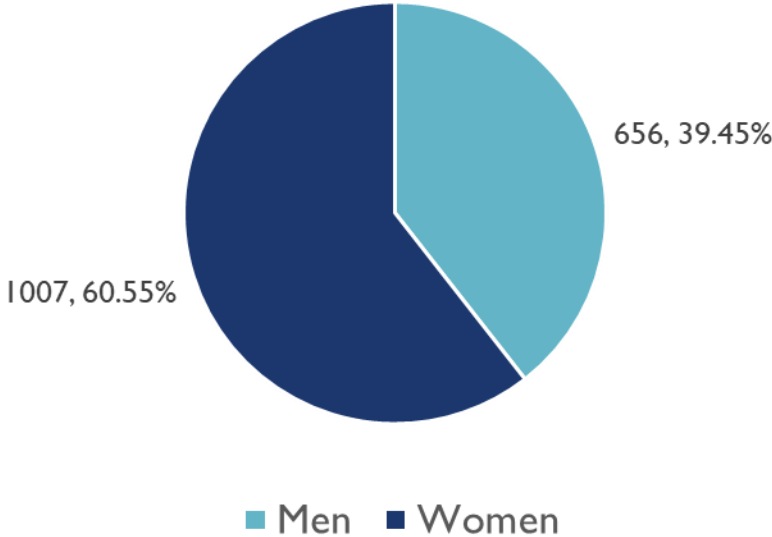
RESEARCH RESULTS : For the Year 2015

In 2015, the Department treated **1763 patients** (656 Men and 1007 women), including 1312 (74.4%) patients with diseases of the musculoskeletal system and 168 (9.5%) patients with systemic diseases.

Types of diseases treated

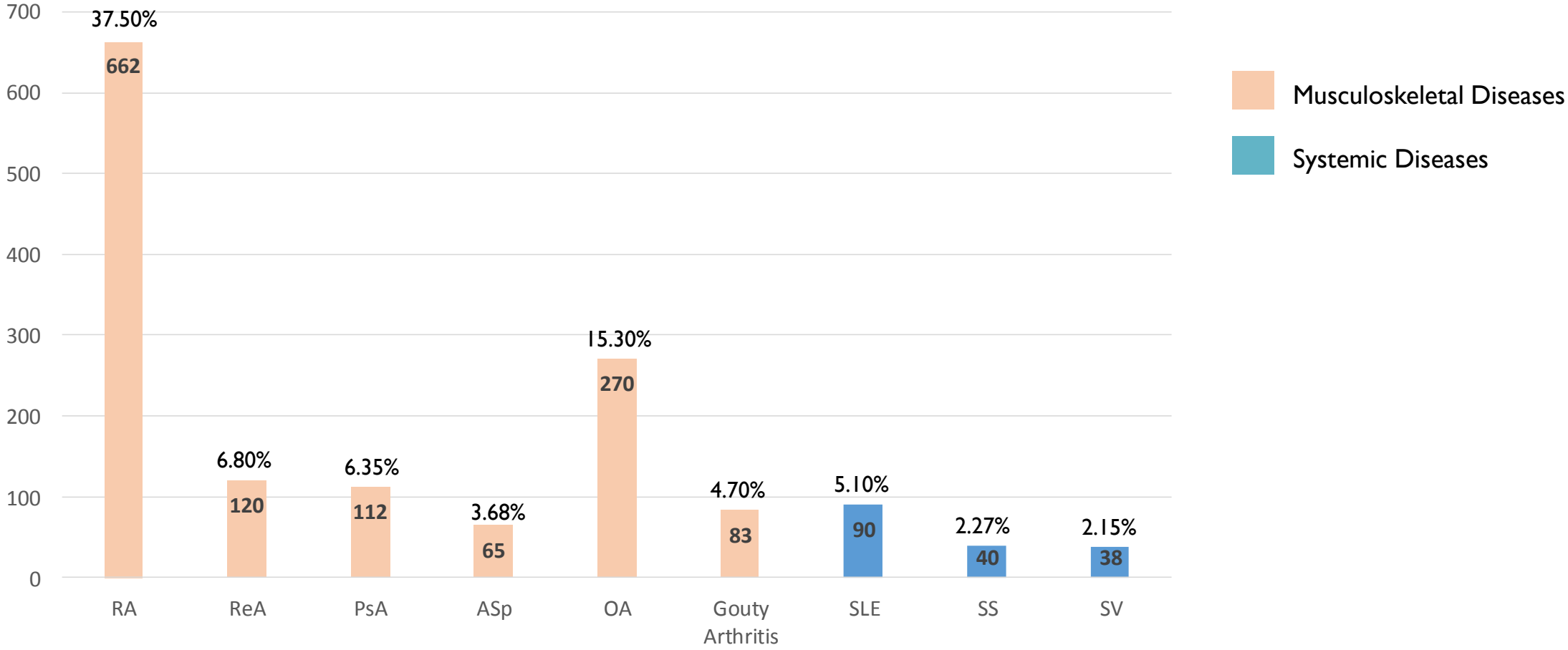


Gender Distribution of Patients



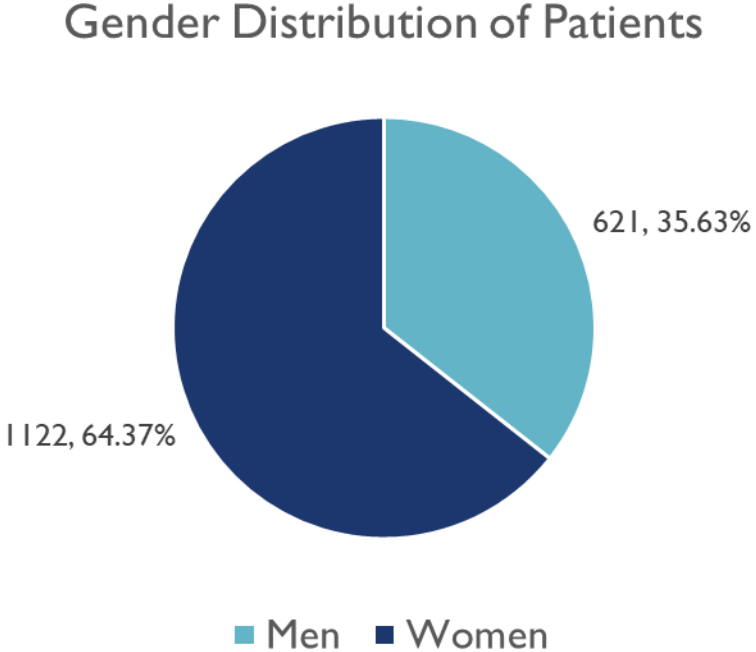
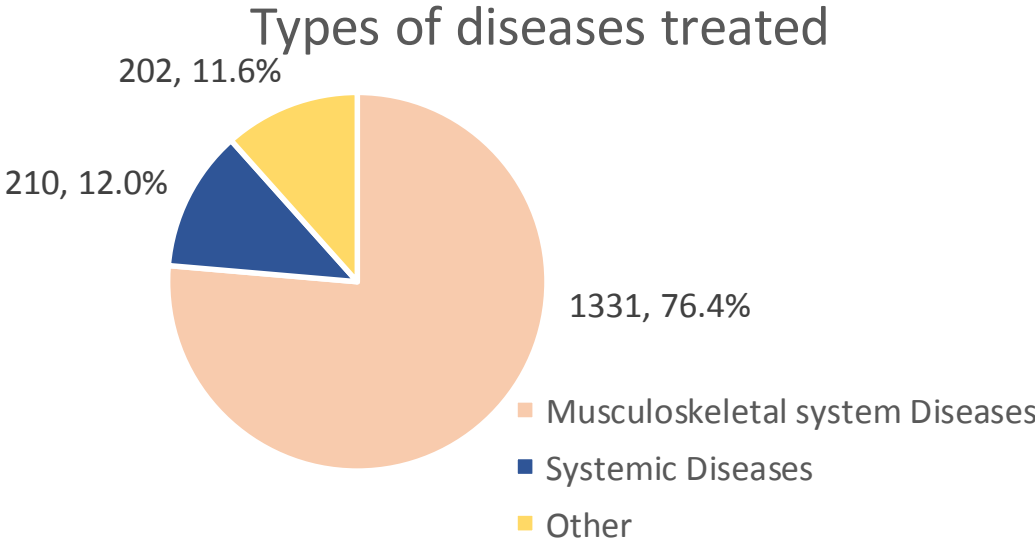
RESEARCH RESULTS : For the Year 2015

Number of Patients



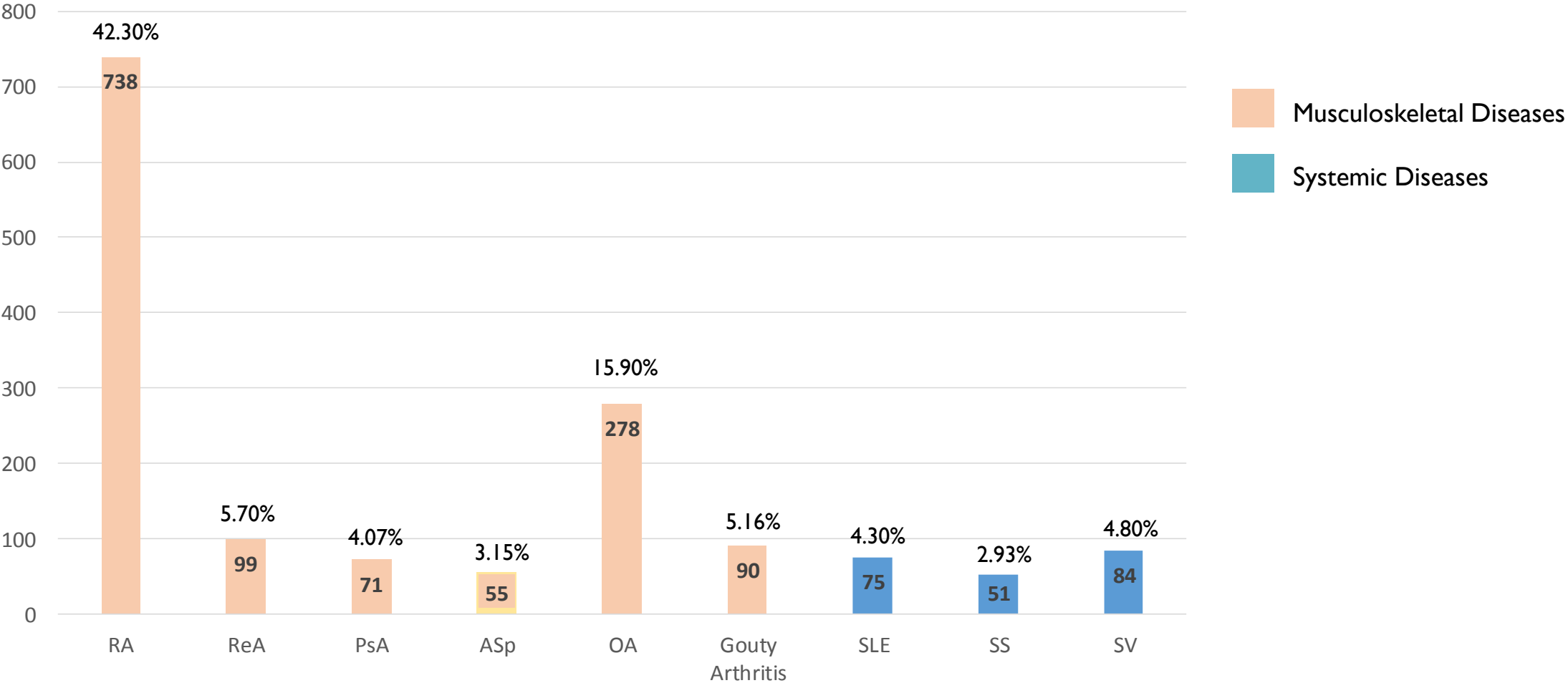
RESEARCH RESULTS : For the Year 2016

In 2016, the Department treated **1743 patients** (621 Men and 1122 women), including 1331 (76.4%) patients with diseases of the musculoskeletal system and 210 (12.05%) patients with systemic diseases.



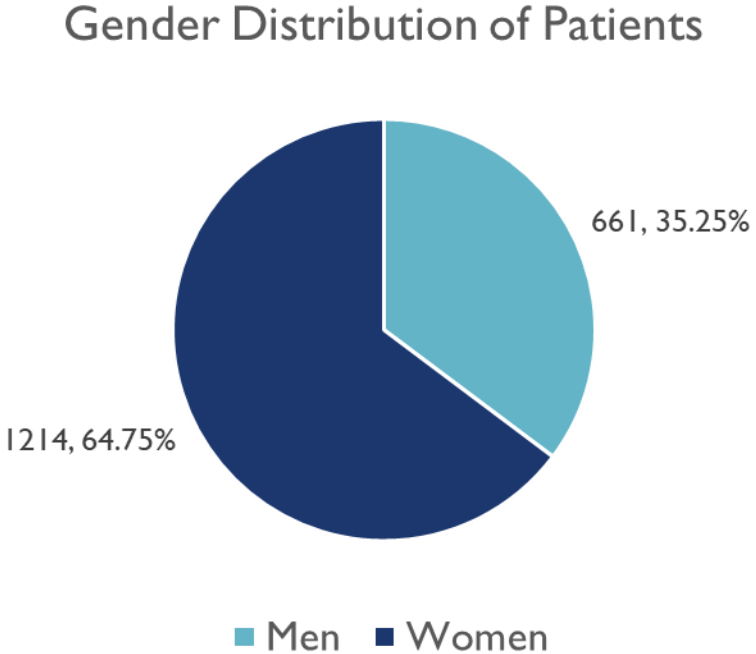
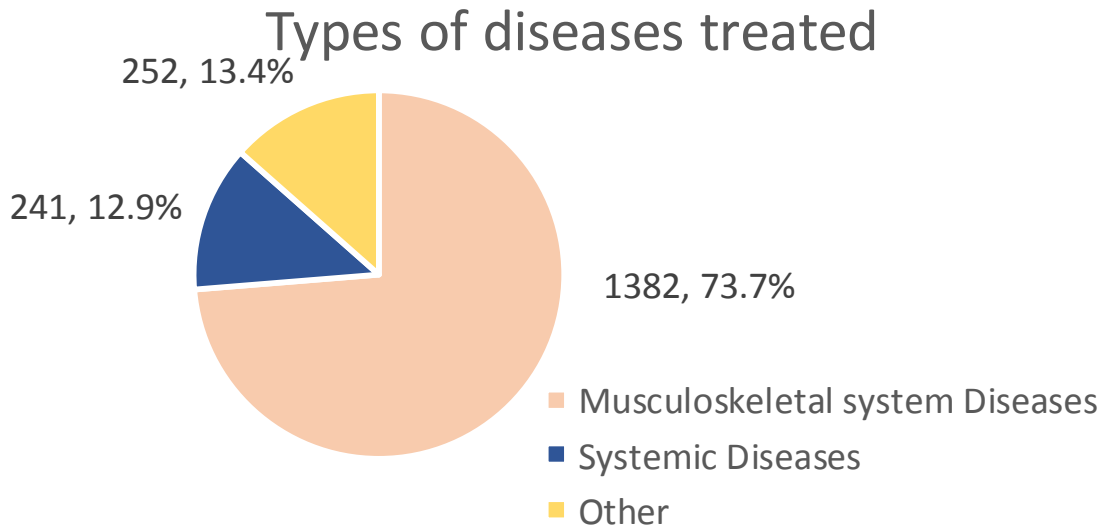
RESEARCH RESULTS : For the Year 2016

Number of Patients



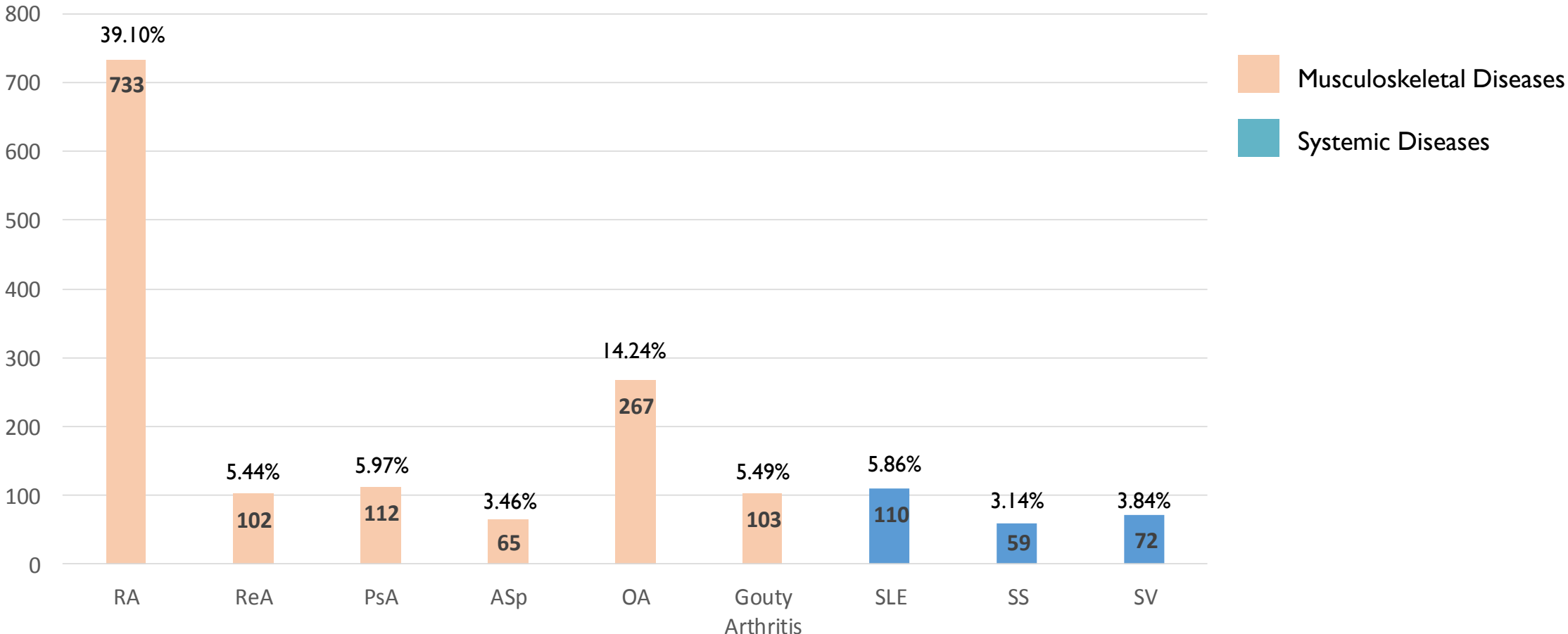
RESEARCH RESULTS : For the Year 2017

In 2017, the Department treated **1875 patients** (661 Men and 1214 women), including 1382 (73.7%) patients with diseases of the musculoskeletal system and 241 (12.85%) patients with systemic diseases.



RESEARCH RESULTS : For the Year 2017

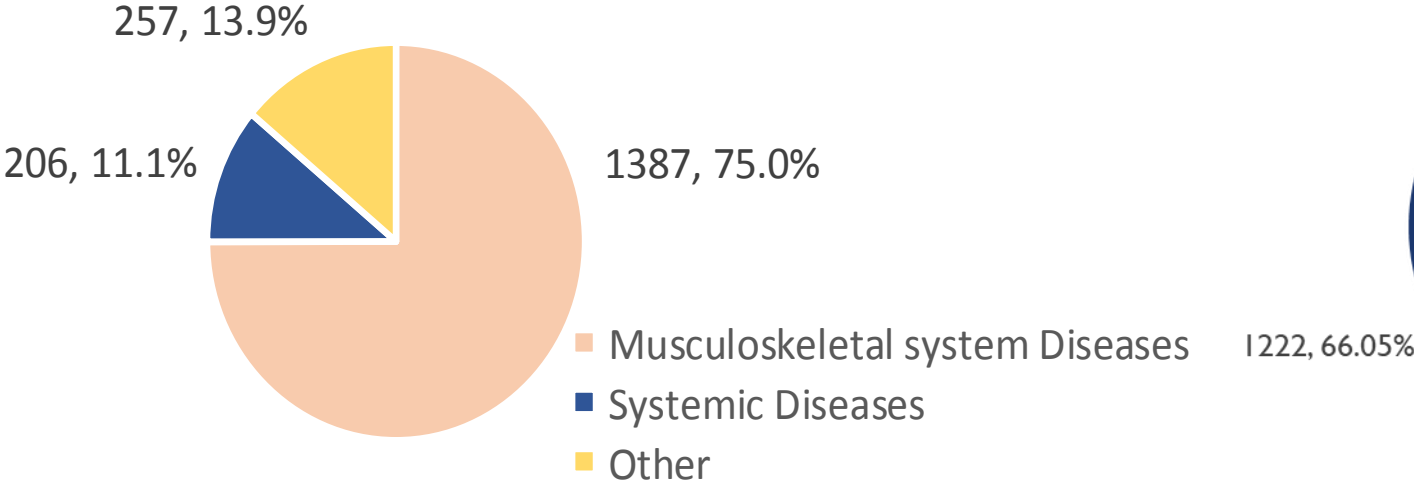
Number of Patients



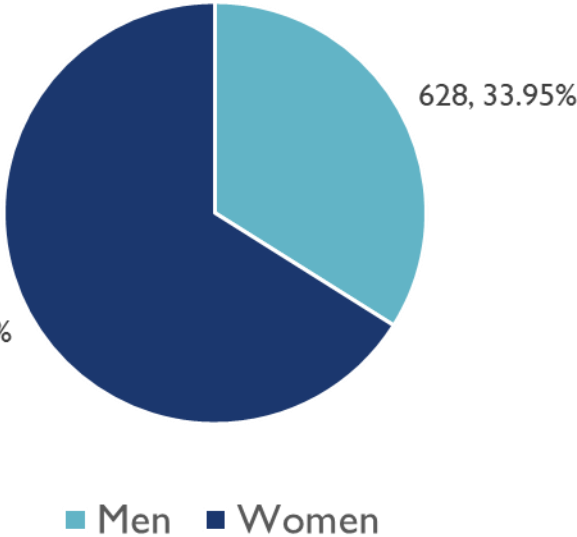
RESEARCH RESULTS : For the Year 2018

In 2018, the Department treated **1850 patients** (628 Men and 1222 women), including 1387 (75.0%) patients with diseases of the musculoskeletal system and 206 (11.13%) patients with systemic diseases.

Types of diseases treated

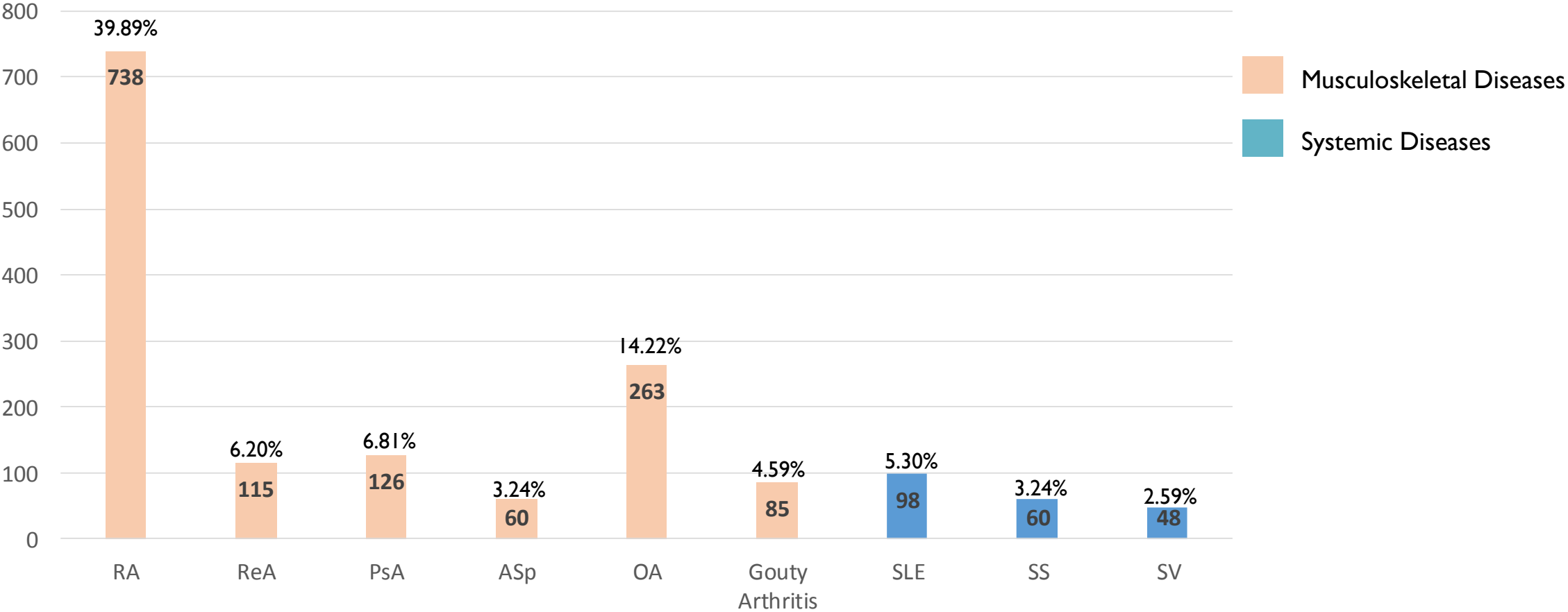


Gender Distribution of Patients



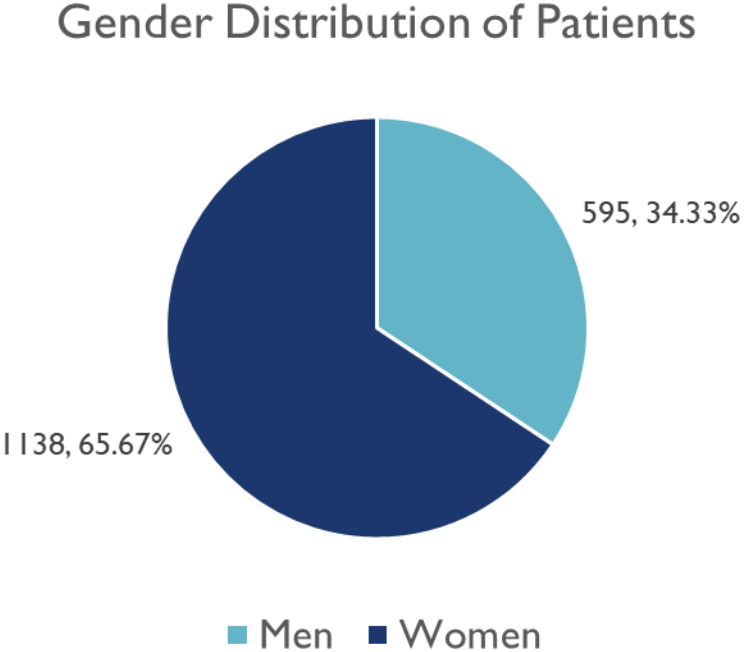
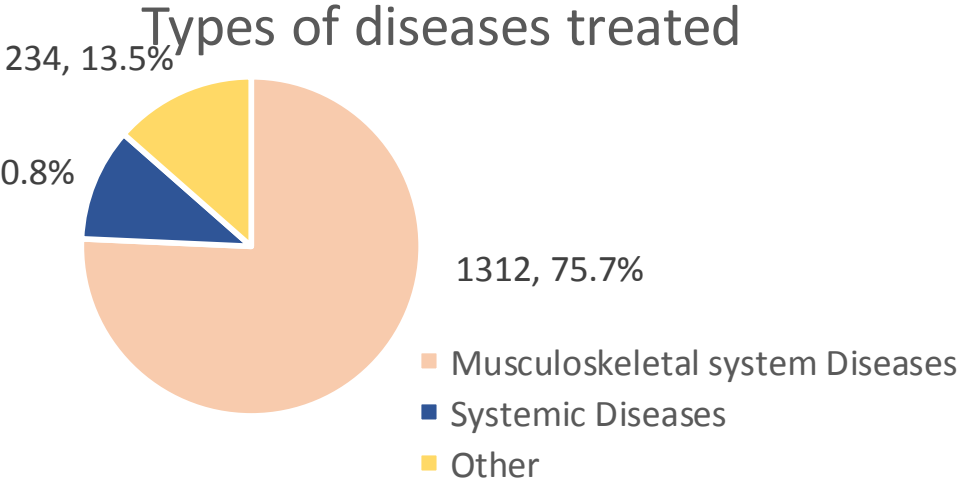
RESEARCH RESULTS : For the Year 2018

Number of Patients



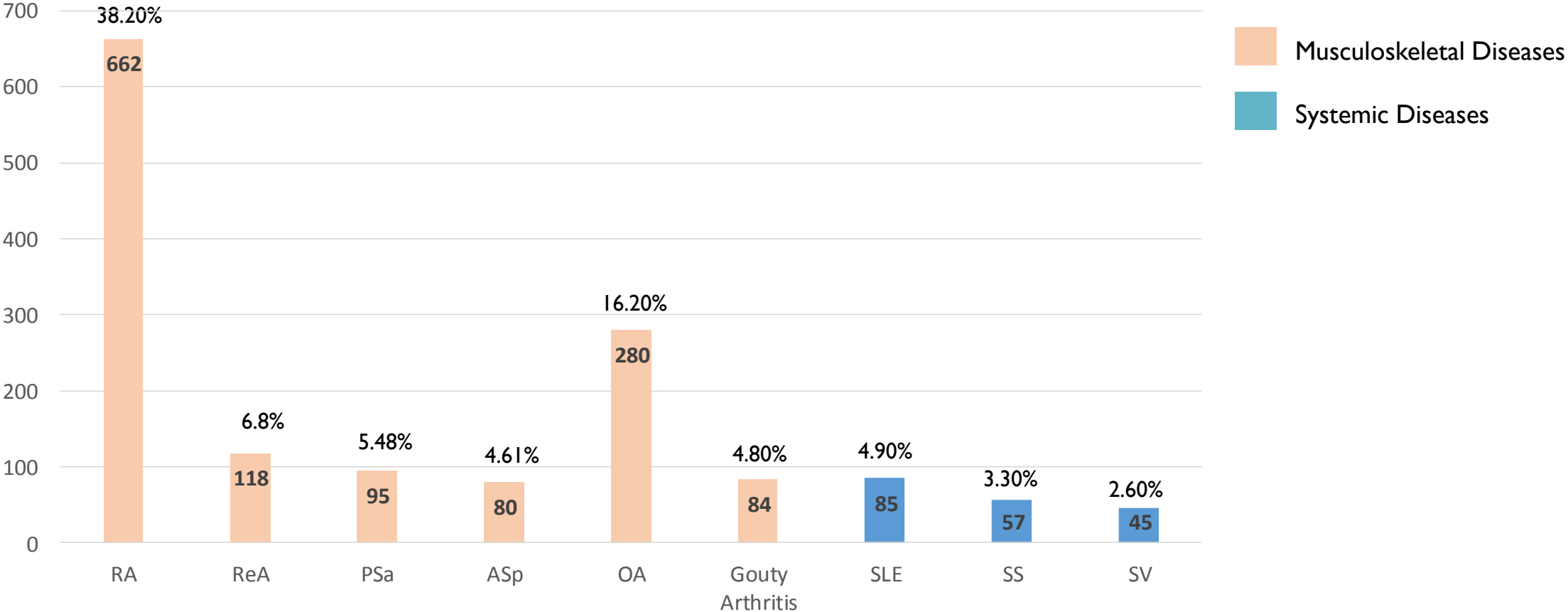
RESEARCH RESULTS : For the Year 2019

In 2019, the Department treated **1733 patients** (595 Men and 1138 women), including 1312 (75.7%) patients with diseases of the musculoskeletal system and 187 (10.8%) patients with systemic diseases.

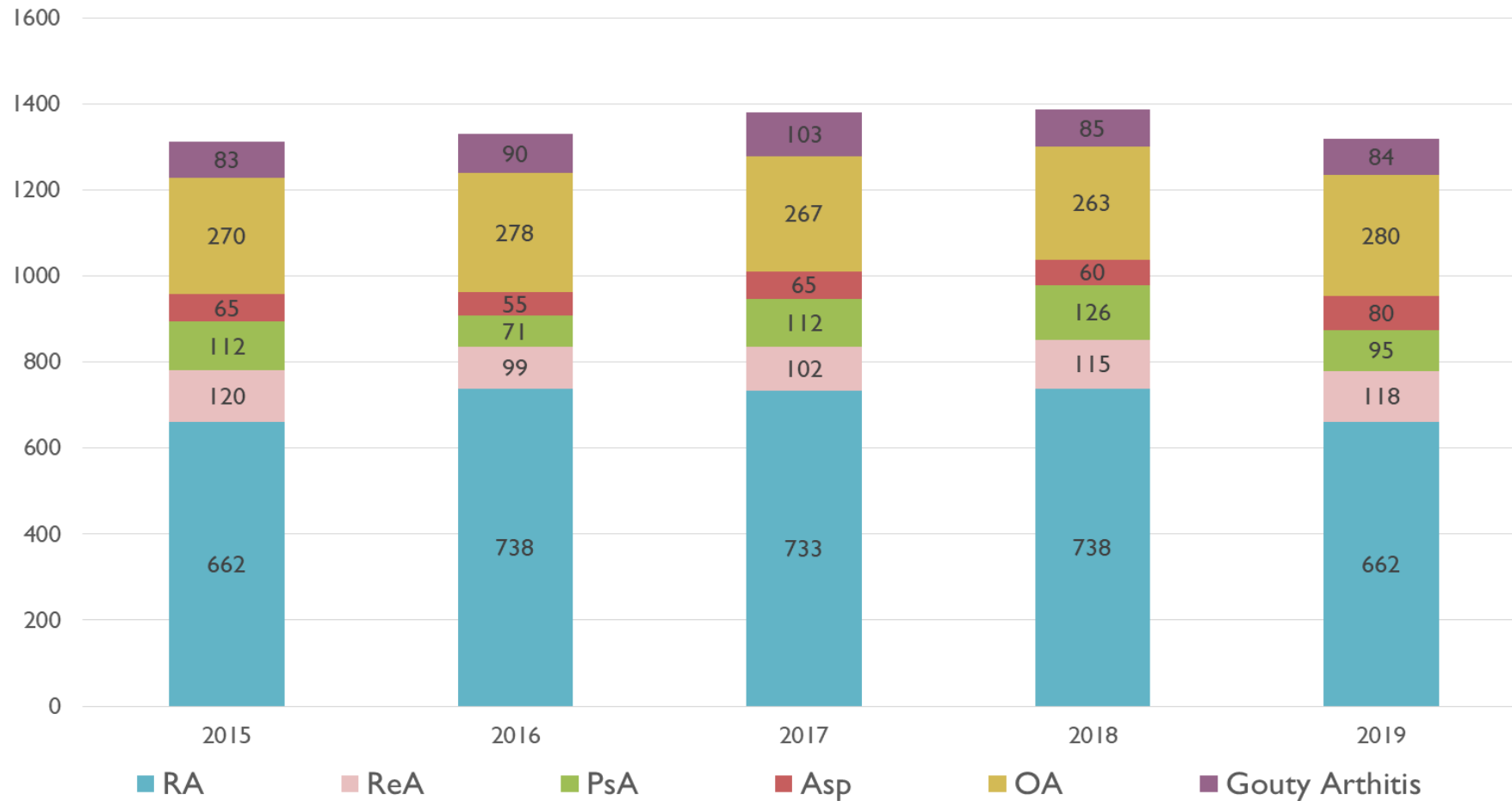


RESEARCH RESULTS : For the Year 2019

Number of Patients

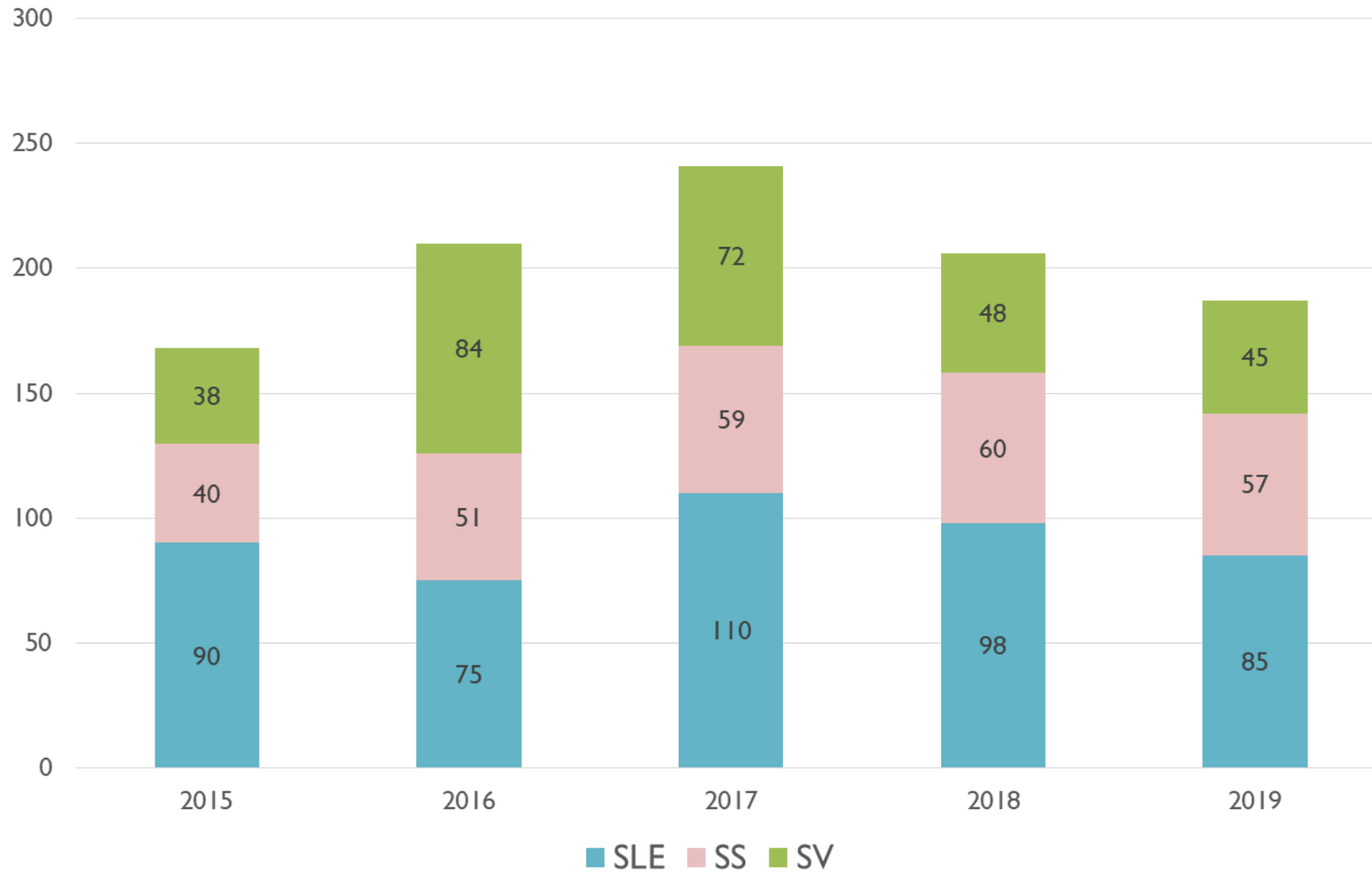


RESEARCH RESULTS : Number of patients with Musculoskeletal Diseases during the period 2015 to 2019



The analysis showed that in the general structure of Rheumatic Diseases, the pathology of the musculoskeletal system averaged to 1386 (75%) patients annually.

RESEARCH RESULTS : Number of patients with Systemic Diseases during the period 2015 to 2019



Conclusions

1. The pathology of the musculoskeletal system averaged 1386 (75%) annually;
2. There was an annual increase in the incidence of RA during the first 4 years of follow up (2015, 2016, 2017, 2018);
3. There was an annual decrease in the incidence of RA over the past year (2019);
4. Over the period 2015 – 2019, the number of patients with ReA increased slightly;

Conclusions

5. In 2015 – 2019, there was an increase in the number of hospitalizations of patients with OA and PsA
6. A significant increase in the number of patients with SS should be noted;
7. The peak incidence of Gouty Arthritis is in 2017

