Characteristics and outcome of a first acute myocardial infarction in patients with ankylosing spondylitis

Clinical Rheumatology

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**Supplementary table 2a:** Occurrence of prevalent co-morbidities in women with AS and a first AMI and matched general population comparators at admission for the first AMI. Data are presented as n (%) and the differences in frequencies in co-morbidities and disease manifestations were assessed using chi-square test.

|                | AS (n=46) | Controls (n=173) | p-value |
|----------------|-----------|------------------|---------|
| N              | %         | N                | %       |
| Anterior uveitis | 4         | 8.7              | 0       | <.0001  |
| Inflammatory bowel disease | 2         | 4.4              | 3       | 1.7     | 0.3     |
| Ischemic heart disease | 14        | 30.4             | 30      | 17.3    | 0.05    |
| Congestive Heart Failure | 7        | 12.2             | 14      | 8.1     | 0.1     |
| Cerebrovascular events | 11       | 23               | 24      | 14      | 0.1     |
| Cardiac valve disease | 1        | 2.2              | 8       | 4.6     | 0.5     |
| Atrial fibrillation | 7        | 15.2             | 23      | 13.3    | 0.7     |
| Arrhythmia      | 2         | 4.4              | 5       | 2.9     | 0.6     |
| Pulmonary diseases | 6        | 13.0             | 14      | 8.1     | 0.3     |
| Thrombotic disease | 0        | 0                | 4       | 2.3     | 0.3     |
| Diabetes mellitus | 7        | 15.2             | 33      | 19.1    | 0.5     |
| Hypertension    | 27        | 58.7             | 69      | 39.9    | 0.02    |
| Malignancy      | 14        | 30.4             | 79      | 28.3    | 0.8     |
| Renal disease   | 7         | 15.2             | 12      | 6.9     | 0.08    |

**Supplementary table 2b:** Occurrence of prevalent co-morbidities in men with AS and a first AMI and matched general population comparators at admission for the first AMI. Data are presented as n (%) and the differences in frequencies in co-morbidities and disease manifestations were assessed using chi-square test.

|                | AS (n=246) | Controls (n=1103) | p-value |
|----------------|-----------|-------------------|---------|
| N              | %         | N                 | %       |
| Anterior uveitis | 61       | 24.8              | 8       | 0.7     | <.0001  |
| Inflammatory bowel disease | 32       | 13.0              | 13      | 1.2     | <.0001  |
| Ischemic heart disease | 70       | 28.5              | 199     | 18.0    | 0.0002  |
| Congestive Heart Failure | 31       | 12.6              | 67      | 6.1     | 0.0004  |
| Cerebrovascular events | 32       | 13.0              | 113     | 10.2    | 0.2     |
| Cardiac valve disease | 21       | 8.5               | 26      | 2.4     | <.0001  |
| Atrial fibrillation | 31       | 12.6              | 106     | 9.6     | 0.2     |
| Arrhythmia      | 7         | 2.9               | 20      | 1.8     | 0.3     |
| Pulmonary diseases | 19       | 7.7               | 56      | 5.1     | 0.1     |
| Thrombotic disease | 13       | 5.3               | 21      | 1.9     | 0.002   |
| Diabetes mellitus | 48       | 19.5              | 139     | 12.6    | 0.005   |
| Hypertension    | 130       | 52.9              | 333     | 30.2    | <.0001  |
| Malignancy      | 46        | 18.7              | 169     | 15.3    | 0.2     |
| Renal disease   | 48        | 19.5              | 108     | 9.8     | <.0001  |