Health insurance certificate in the WISMUT mine 1985 – 1989 and comparison with German Democratic Republic (GDR, East Germany) reference data 1989 for age groups and for selected diagnoses (ICD-9 numbers)

100%: WISMUT disease rate = GDR disease rate

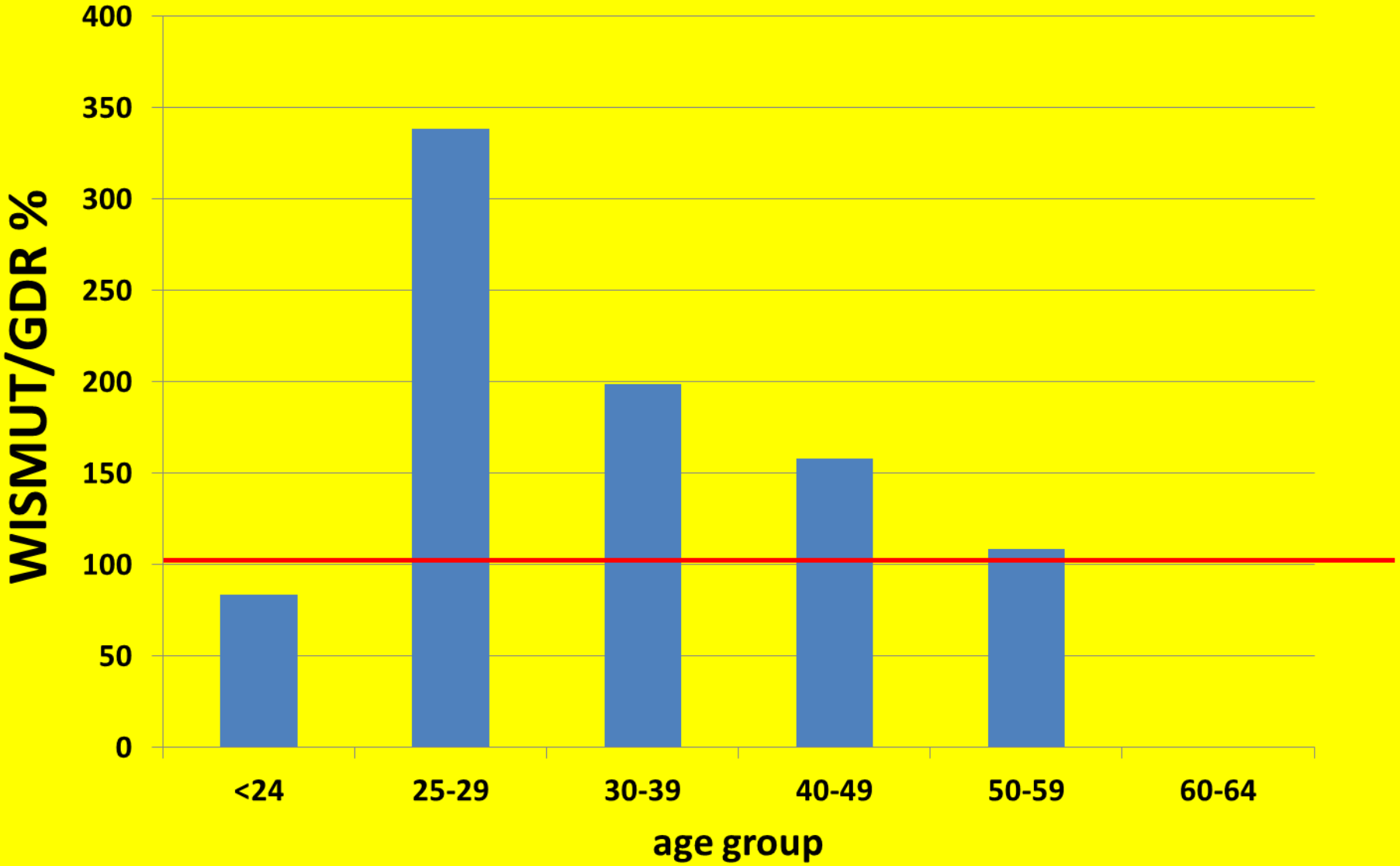
200%: WISMUT disease rate = double GDR disease rate

1.000%: WISMUT disease rate = 10times GDR disease rate

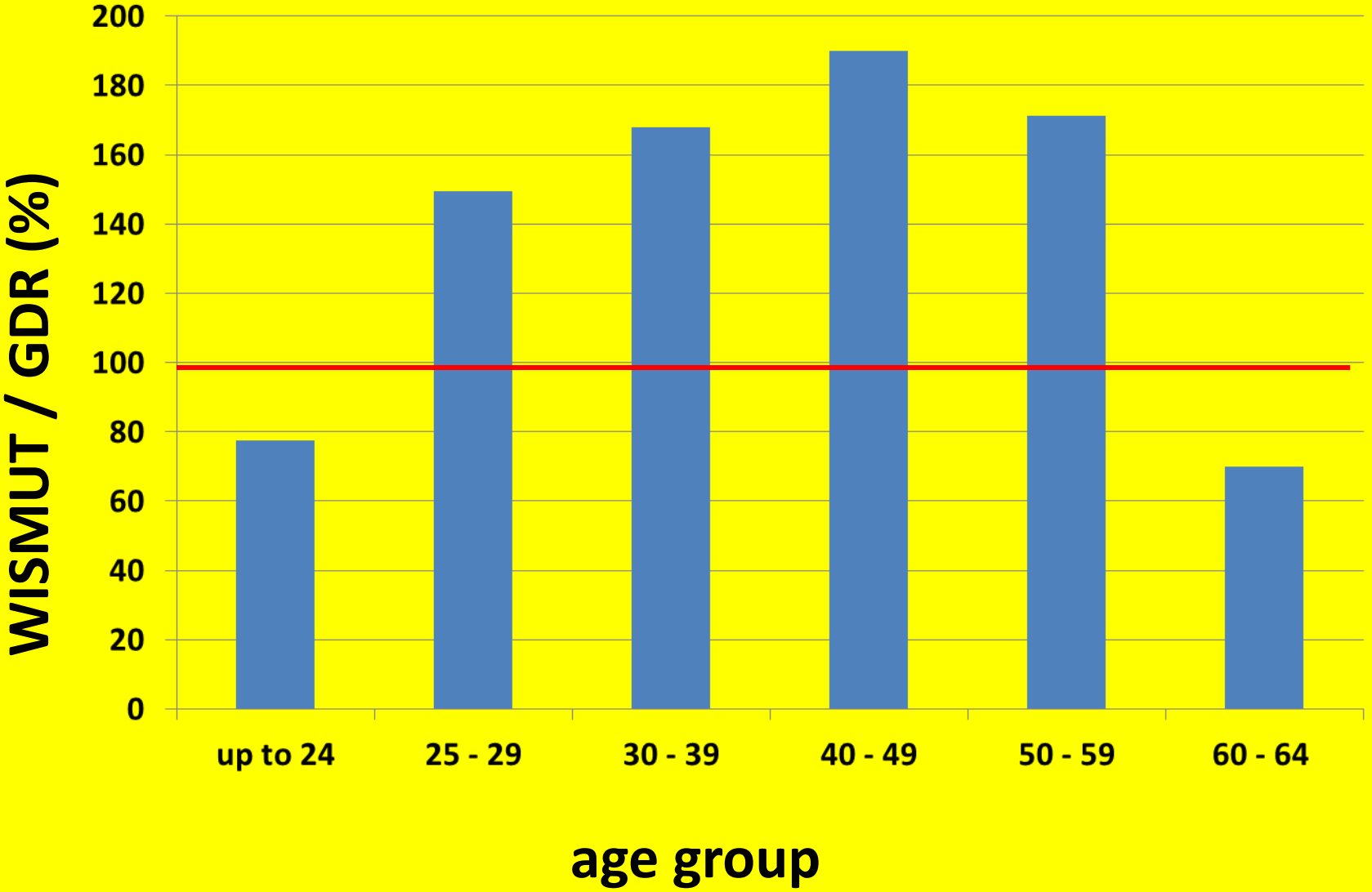
Data M. Möhner et al. Fb 937 BfAA 2001

Compiled by Sebastian Pflugbeil 09 / 2013

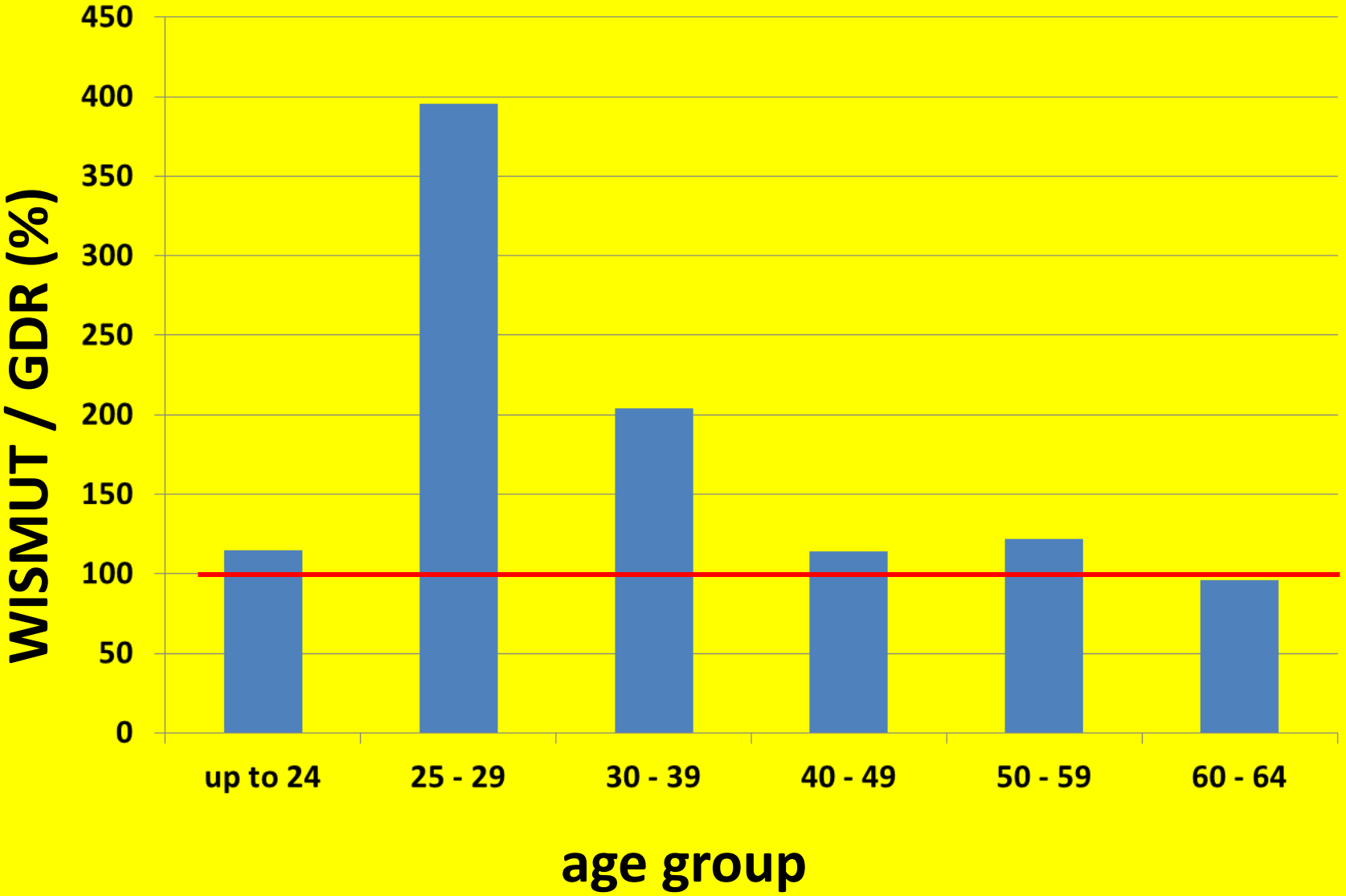
Poliomyelitis and other non-arthropod-borne viral diseases of CNS (045-049)



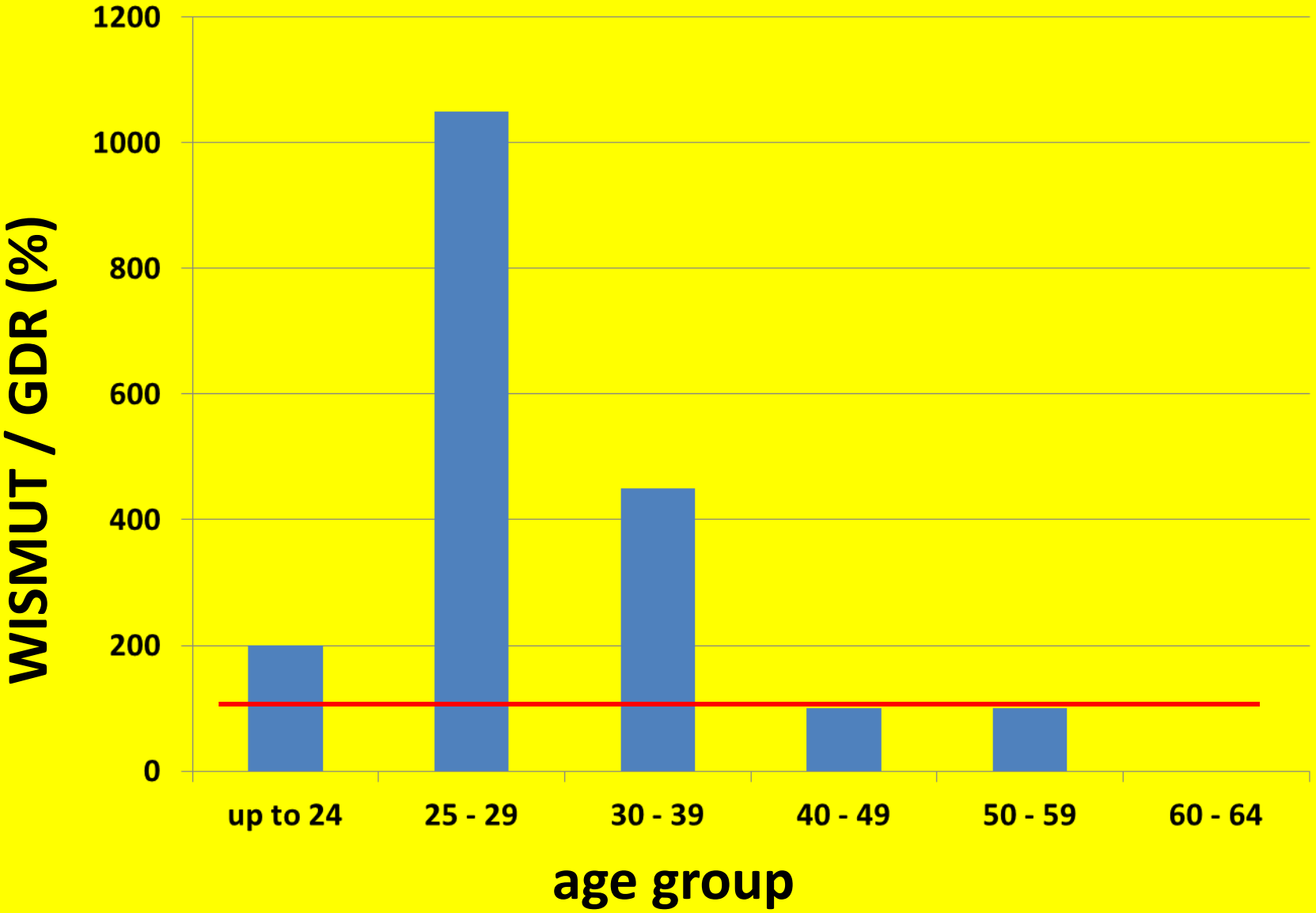
Mycoses (110-118)



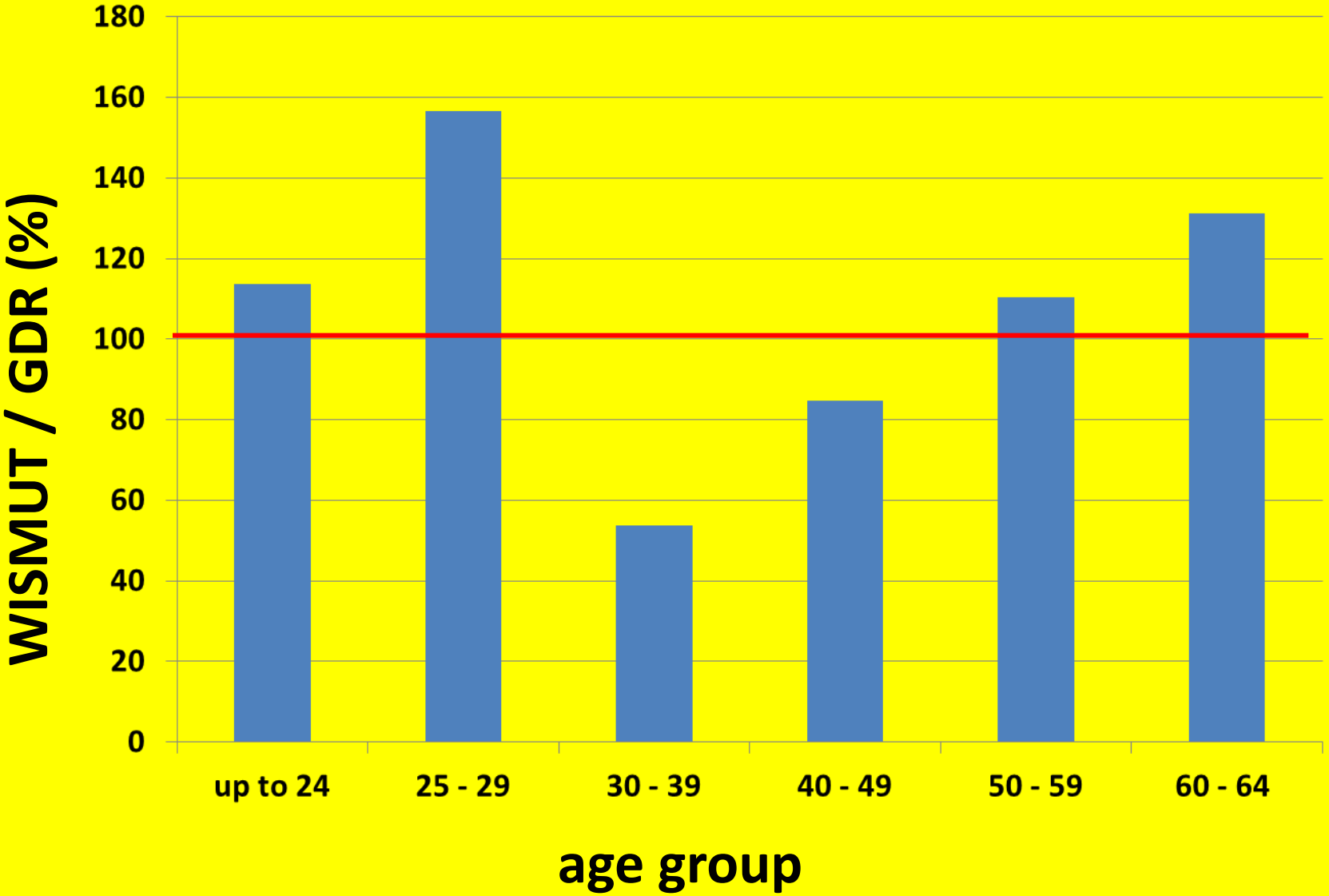
Other infectious and parasitic diseases (130-136)



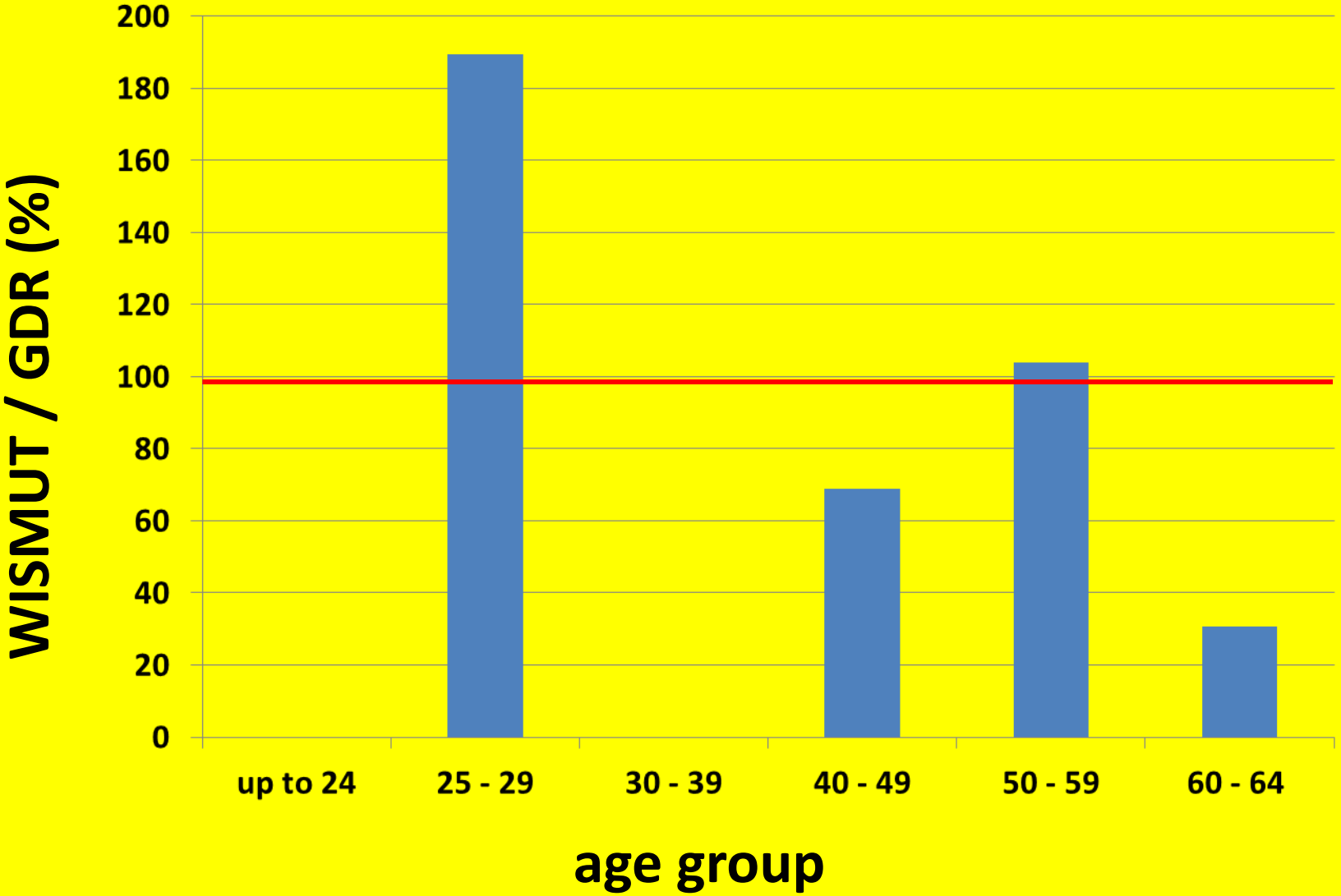
Sarcoidosis (135)



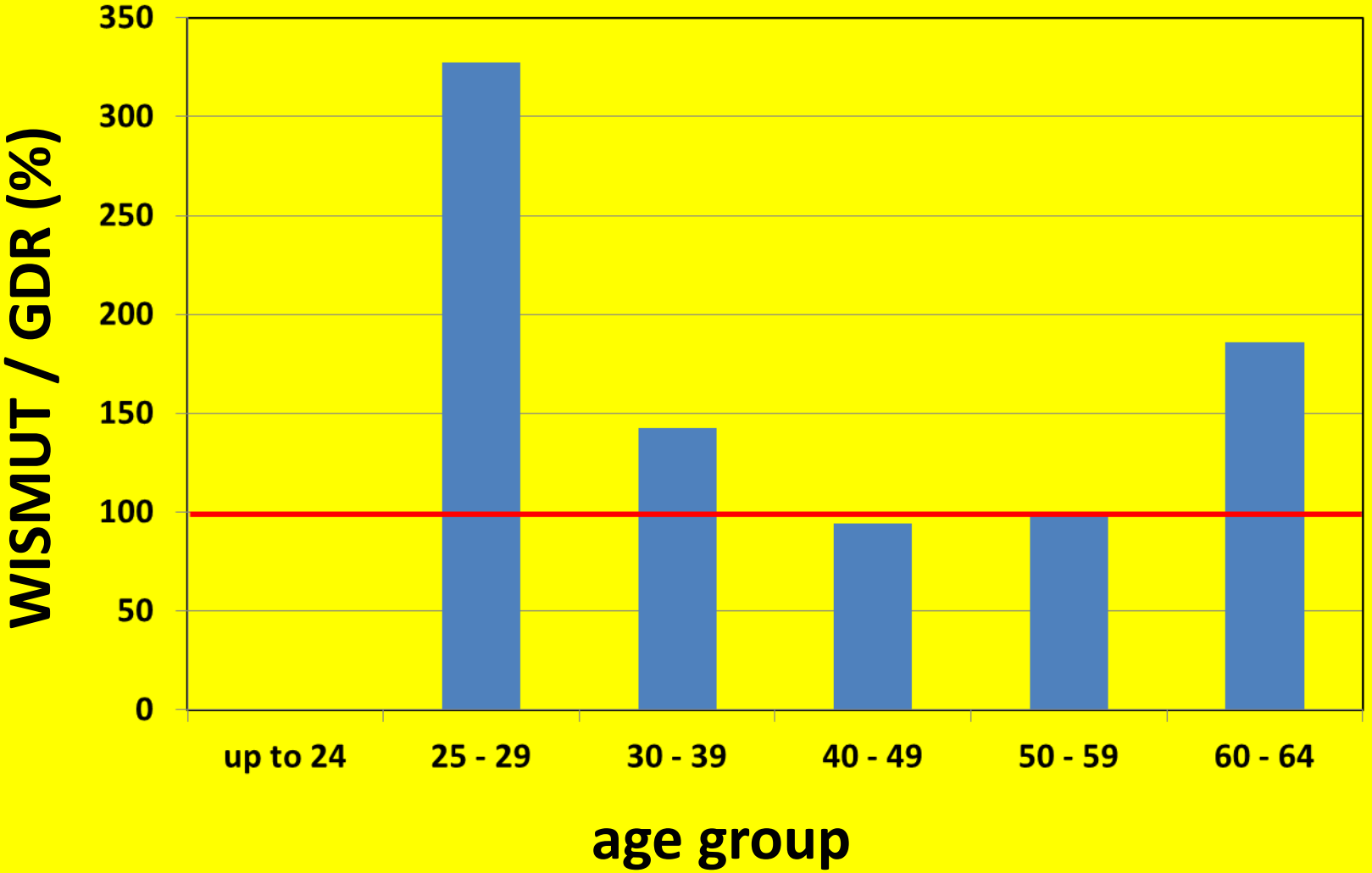
Neoplasm (140-208)



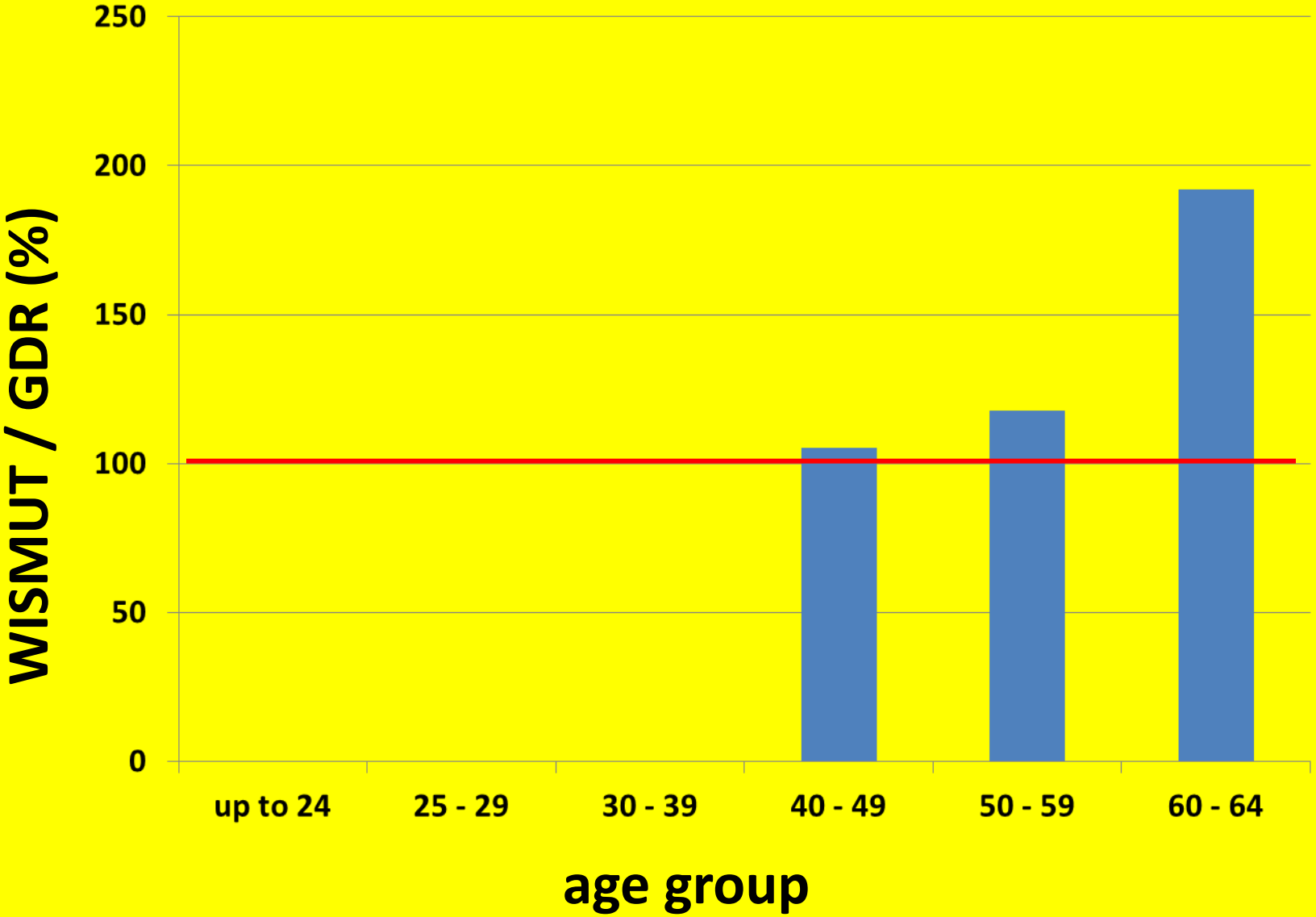
Malignant neoplasm of digestive organs and peritoneum (150-159)



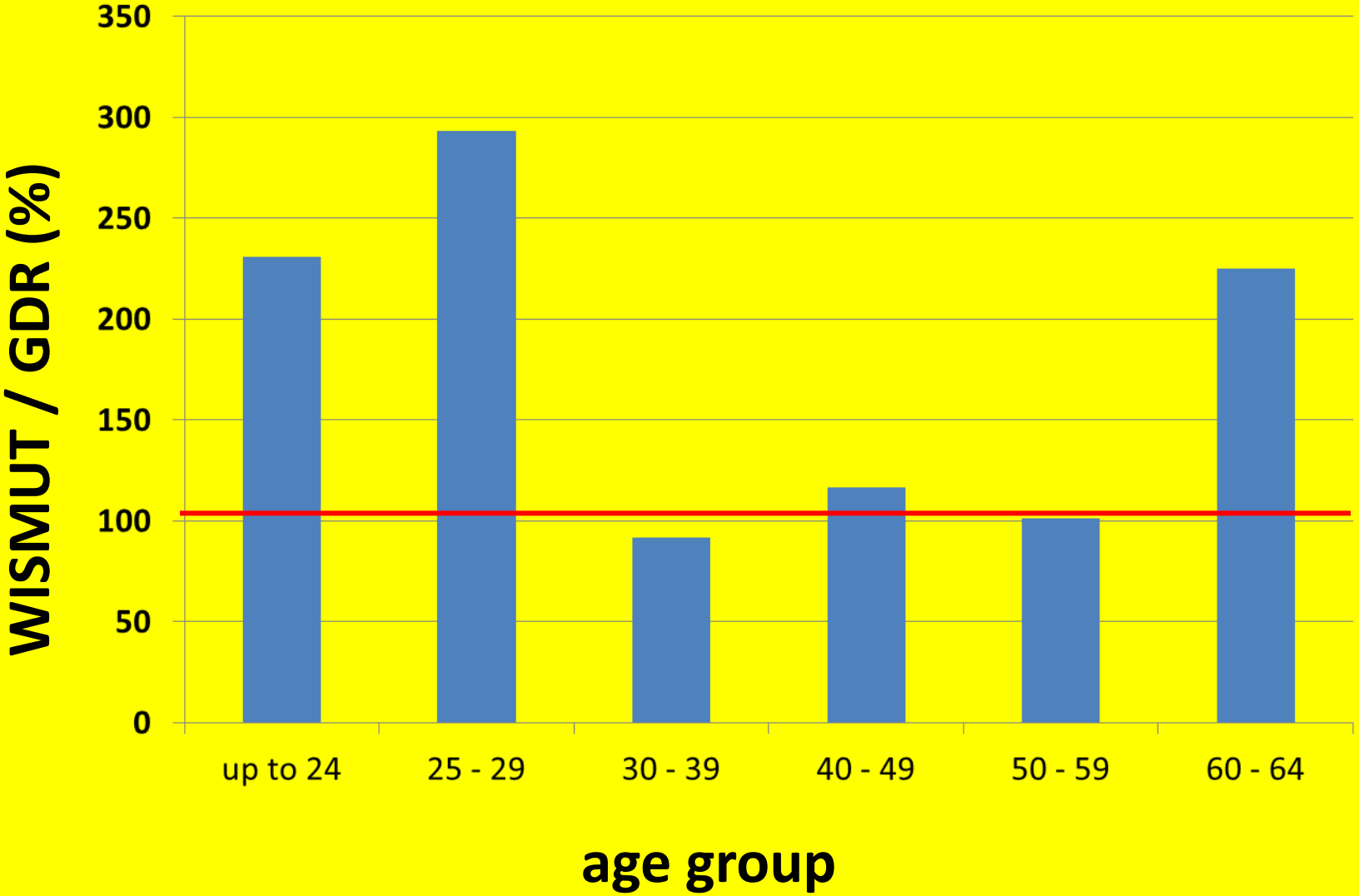
Malignant neoplasm of respiratory and intrathoracic organs (160-165)



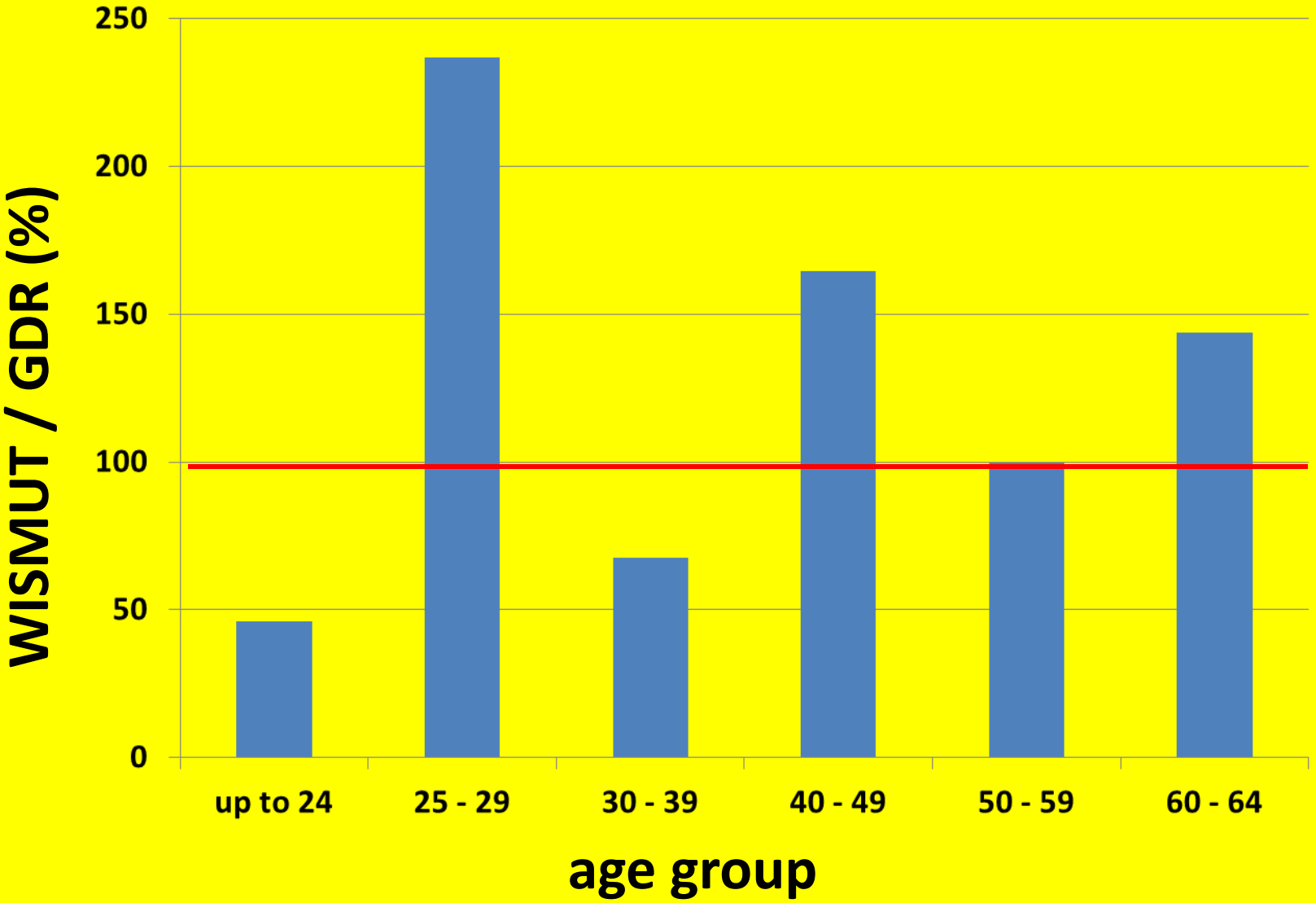
Malignant neoplasm of trachea, bronchus and lung (162)



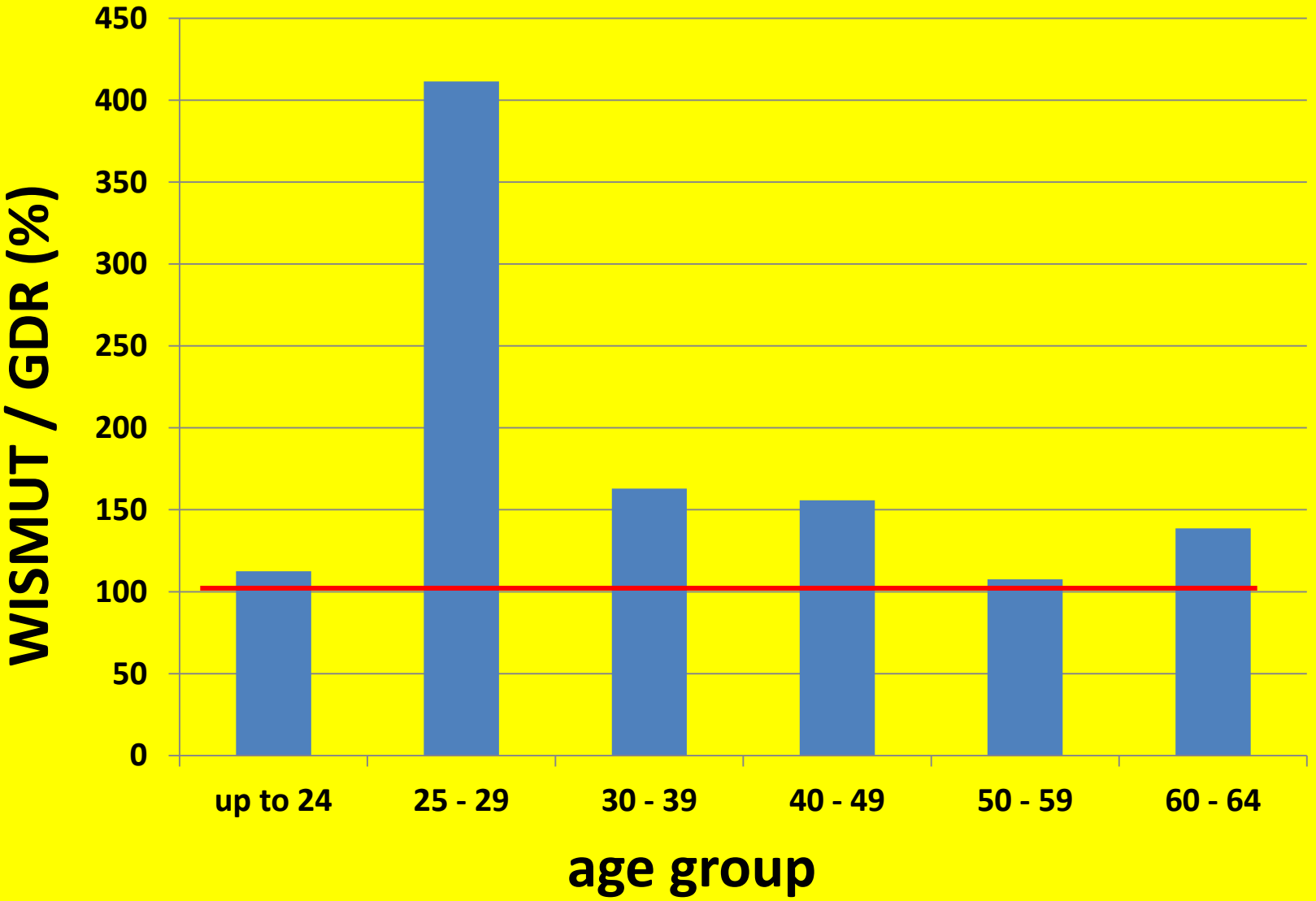
Malignant neoplasms of bone, connective tissue, skin and breast (170-175)



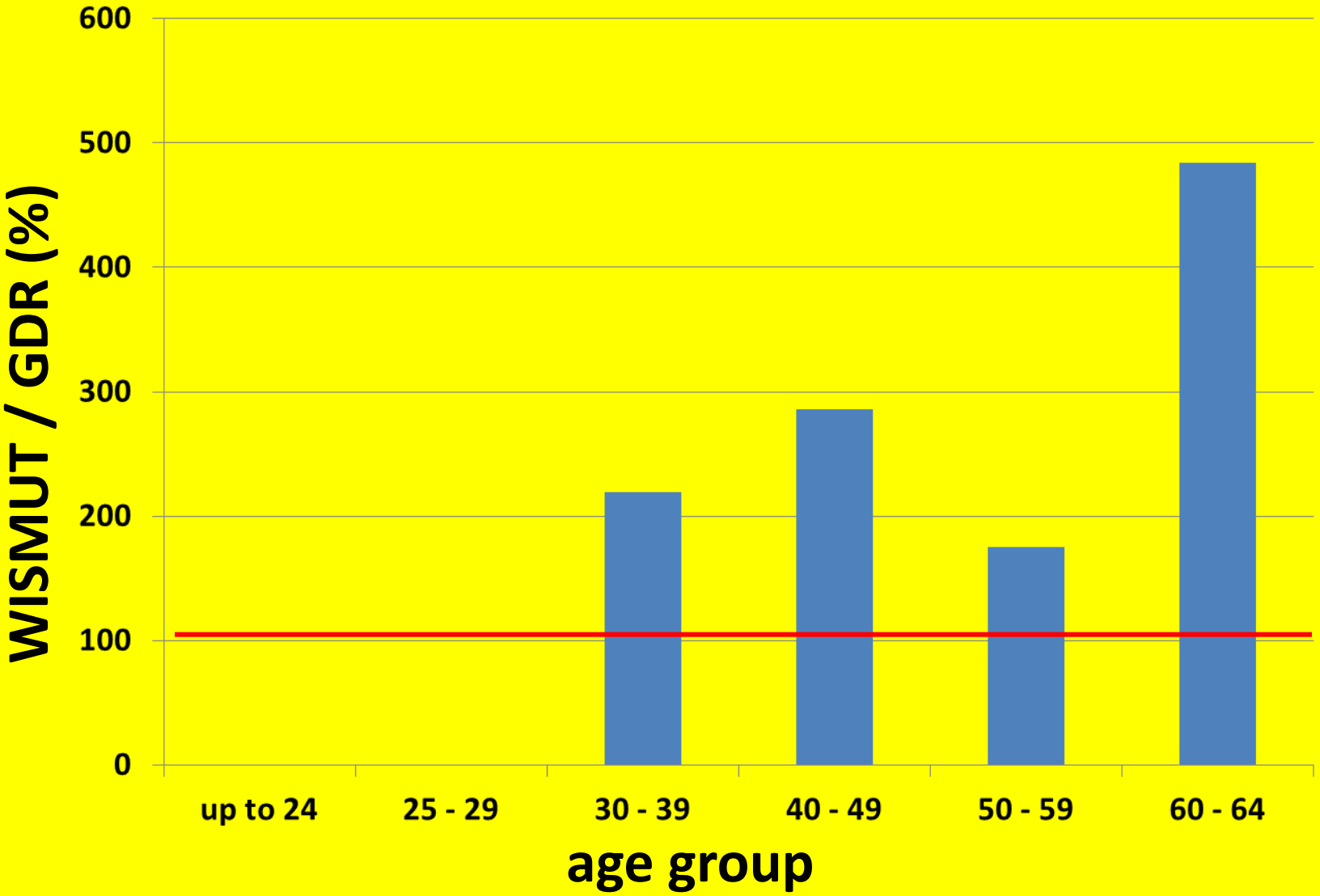
Malignant neoplasm of genitourinary organs (179-189)



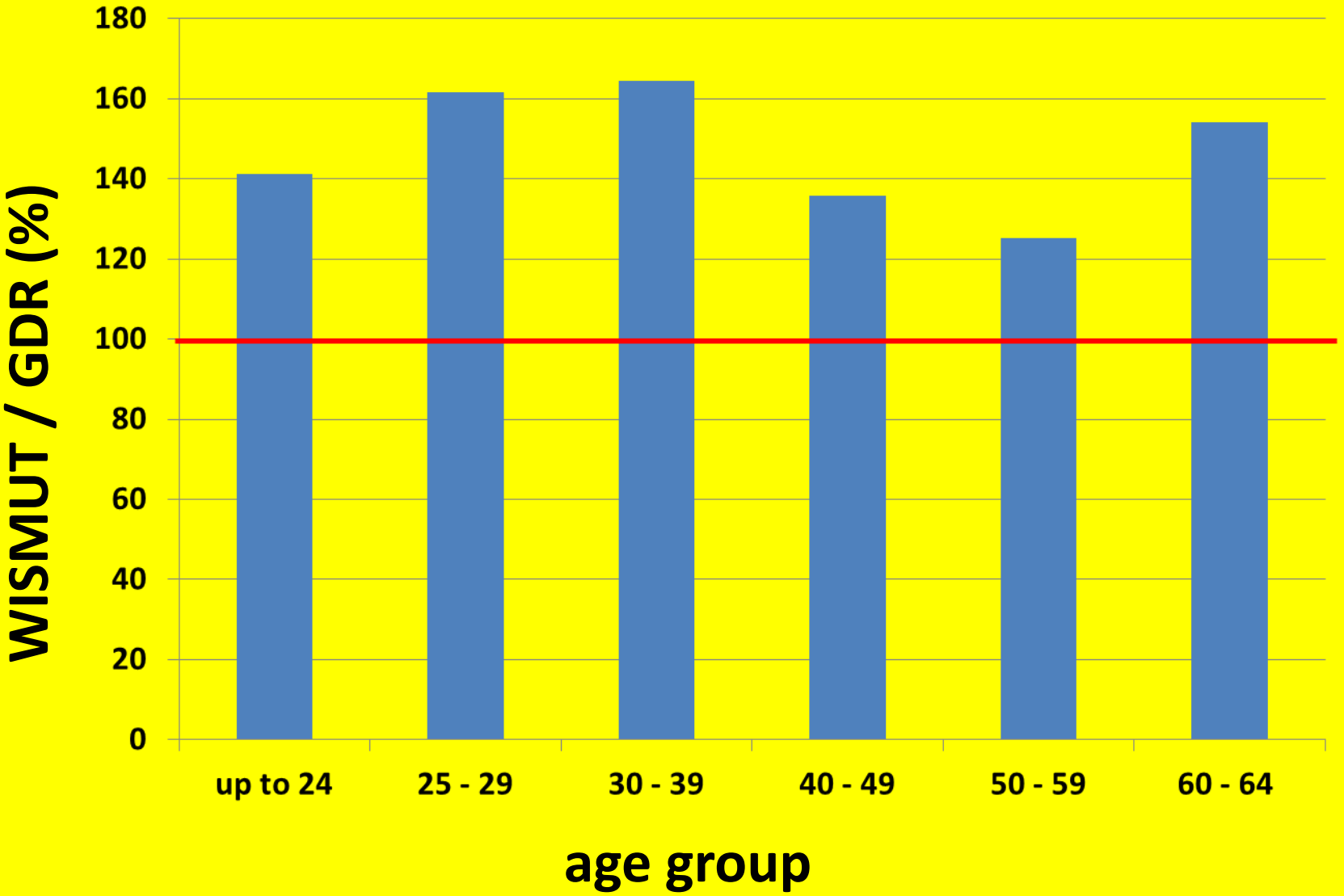
Malign neoplasms of other and unspecified sites (190-199)



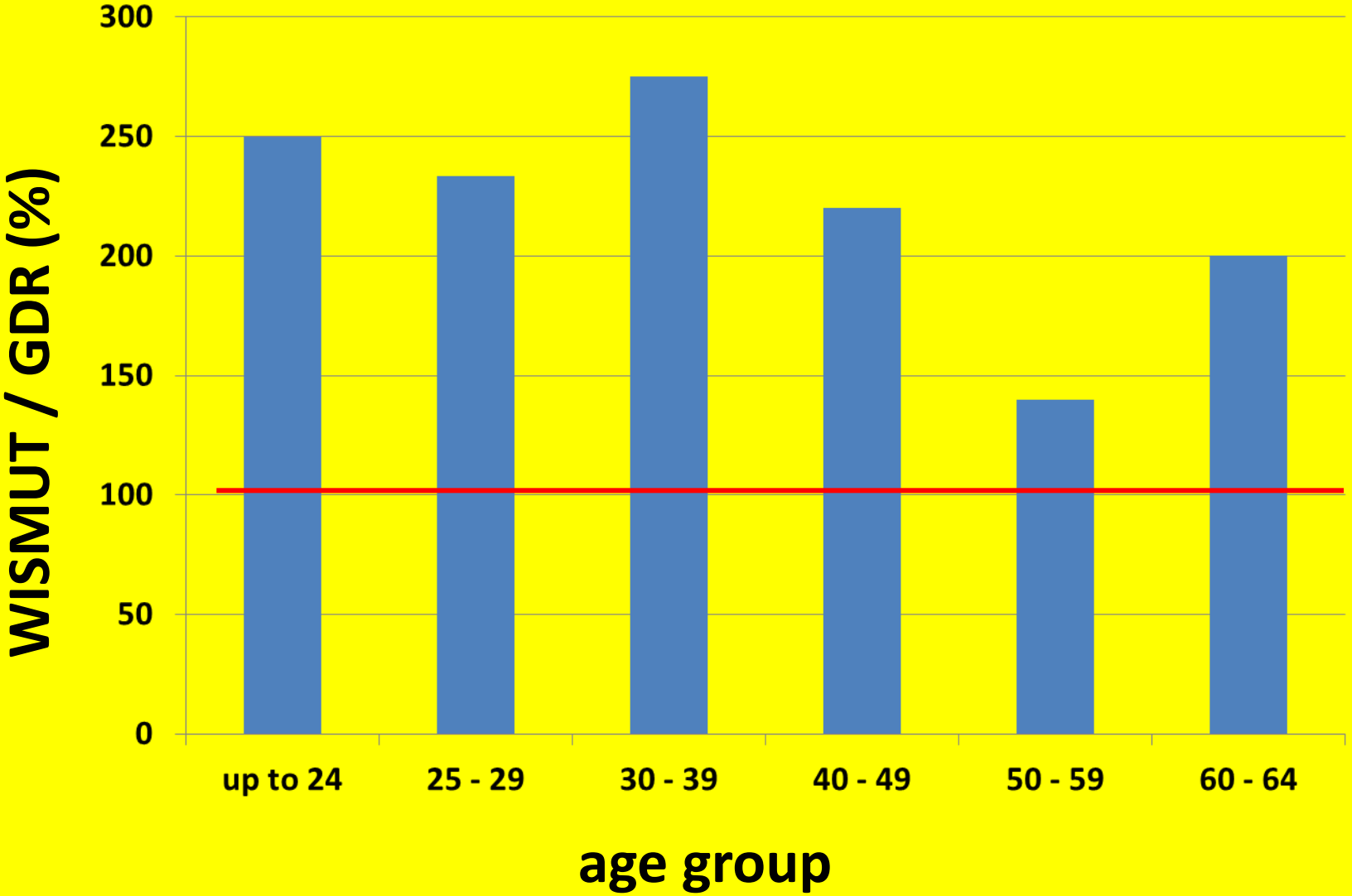
Carcinoma in situ (230 – 234)



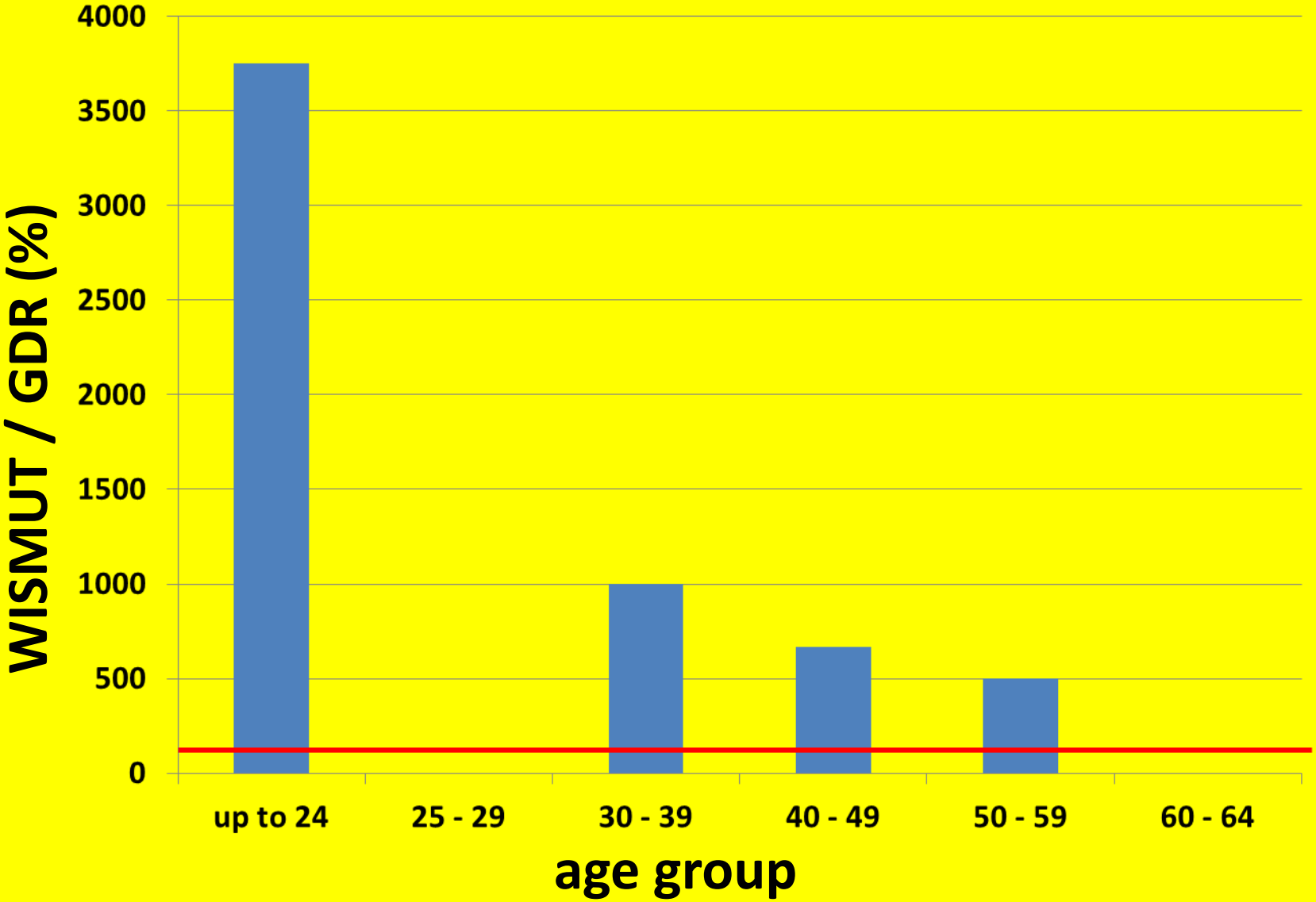
Disorders of thyroid gland (240-246)



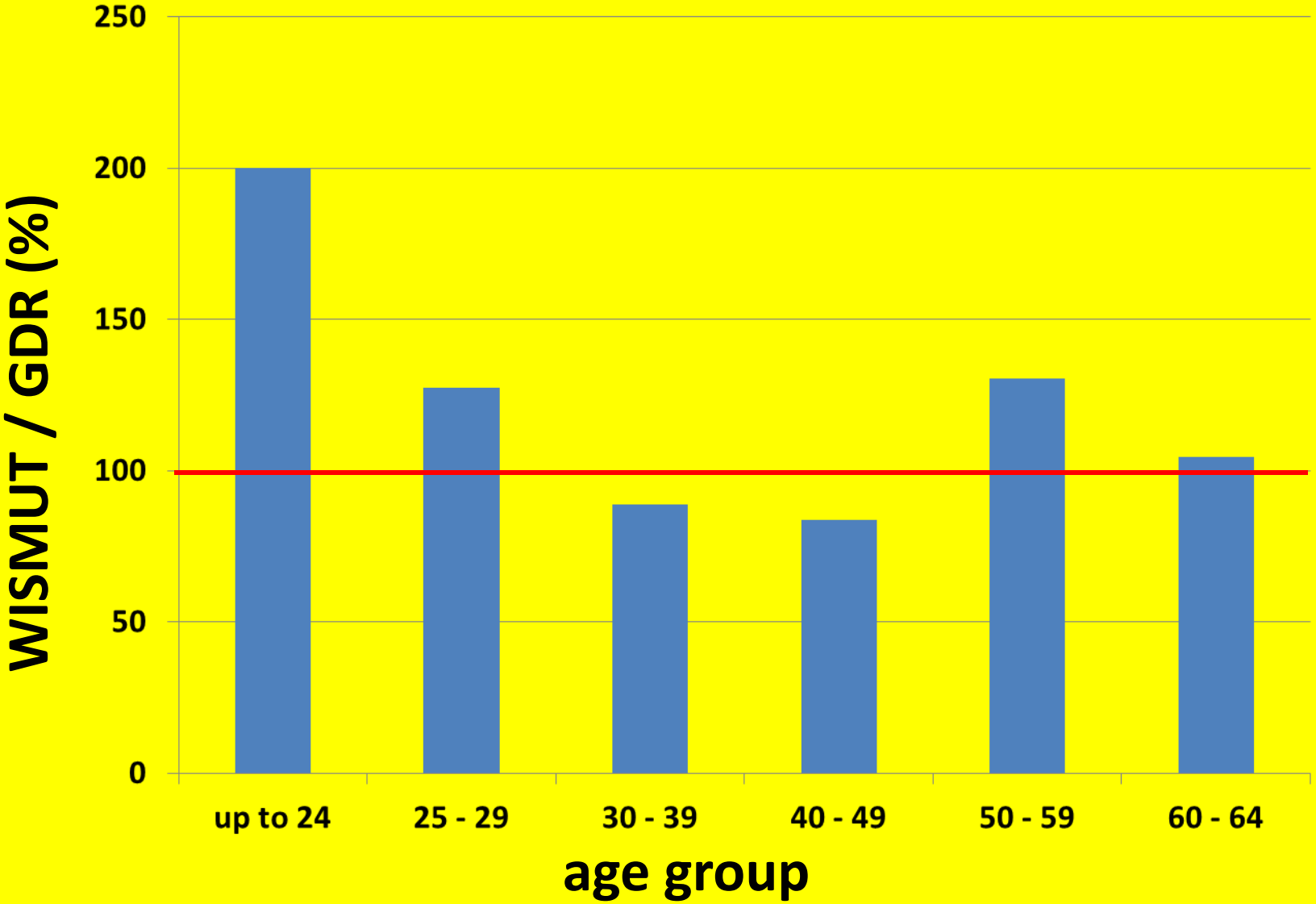
Simple and unspecific goiter (240)



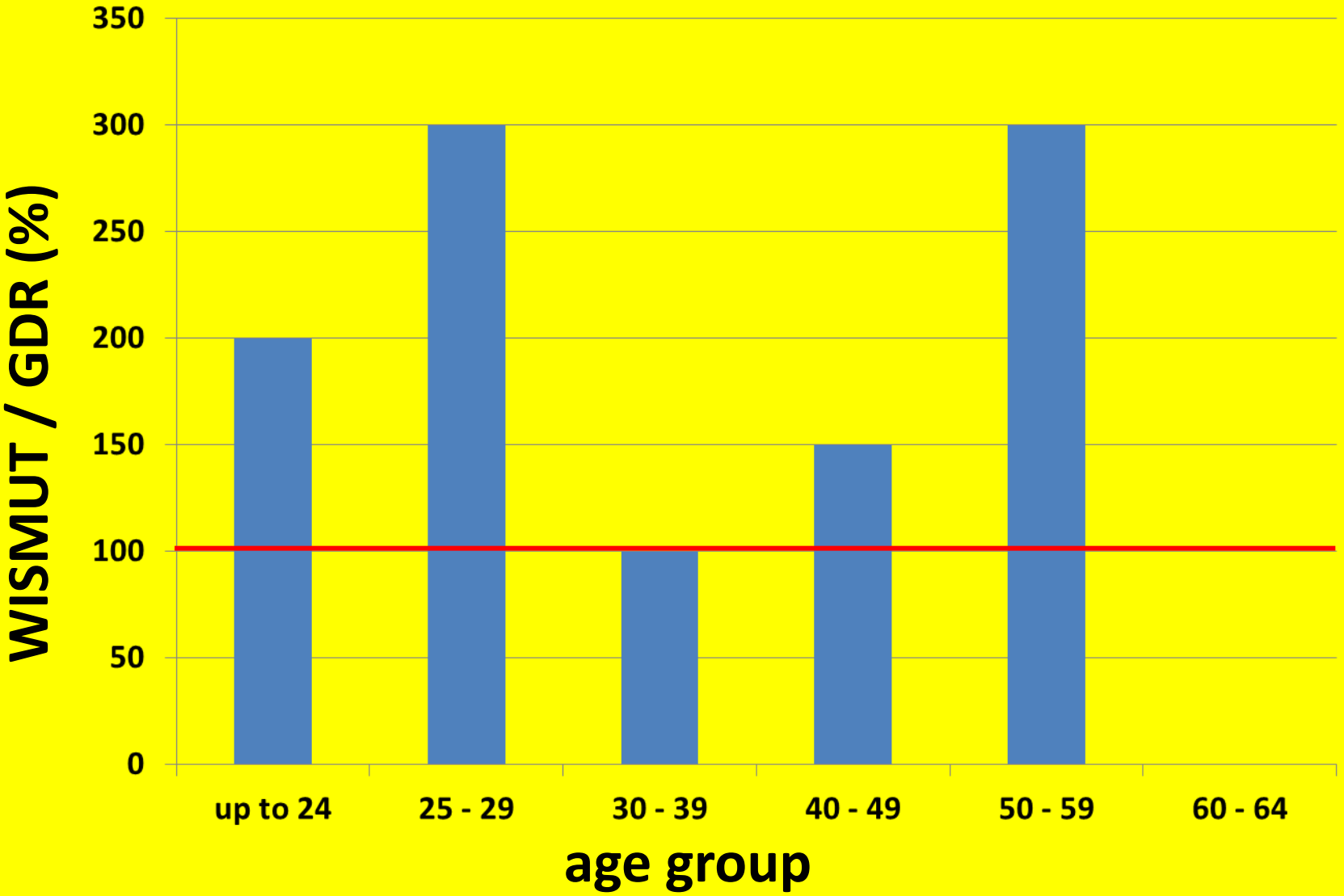
Disorders of adrenal glands (255)



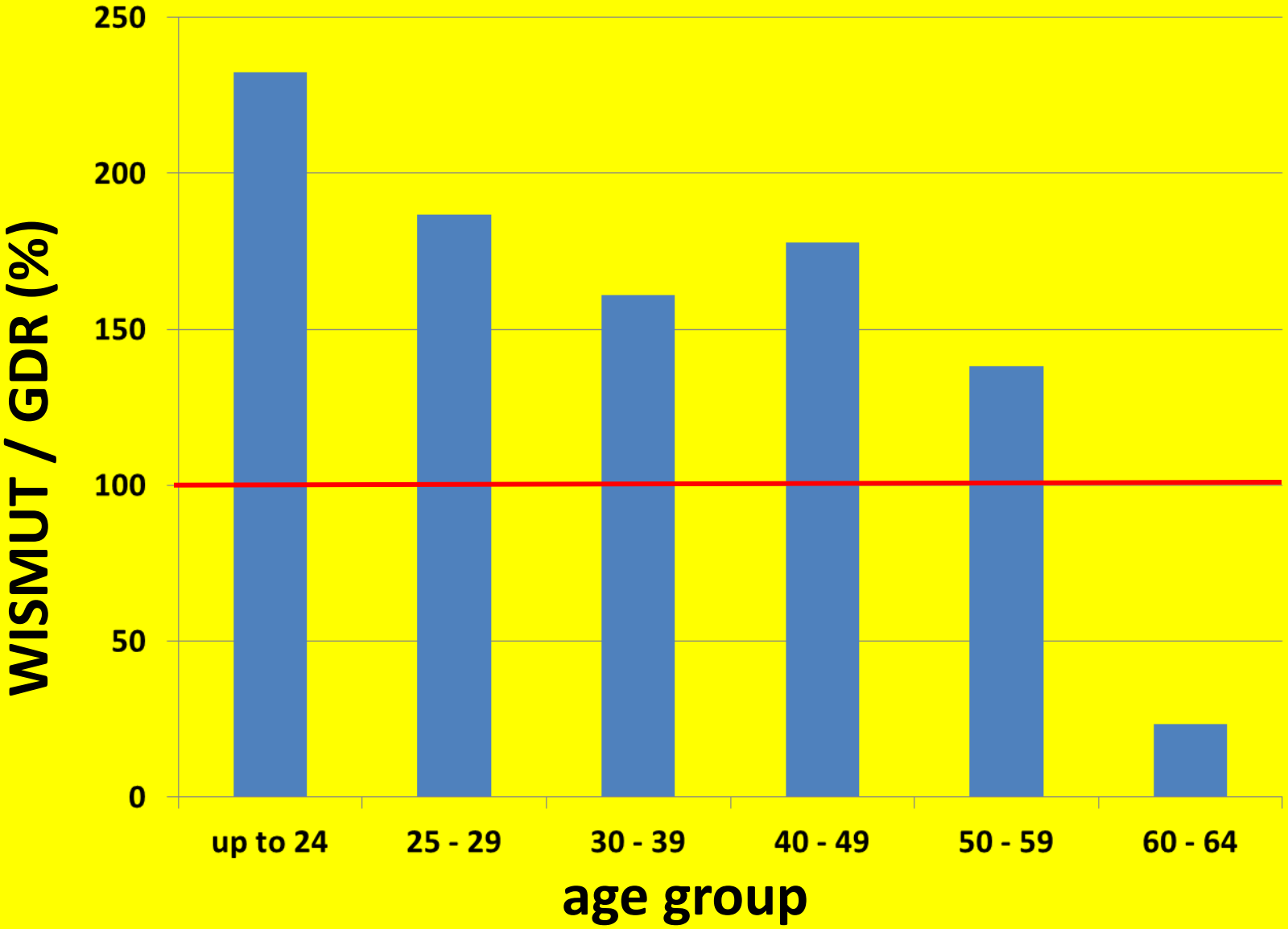
Gout (274)


250
200
150
100
50
0
WISMUT / GDR (%)
up to 24
25 - 29
30 - 39
40 - 49
50 - 59
60 - 64
age group

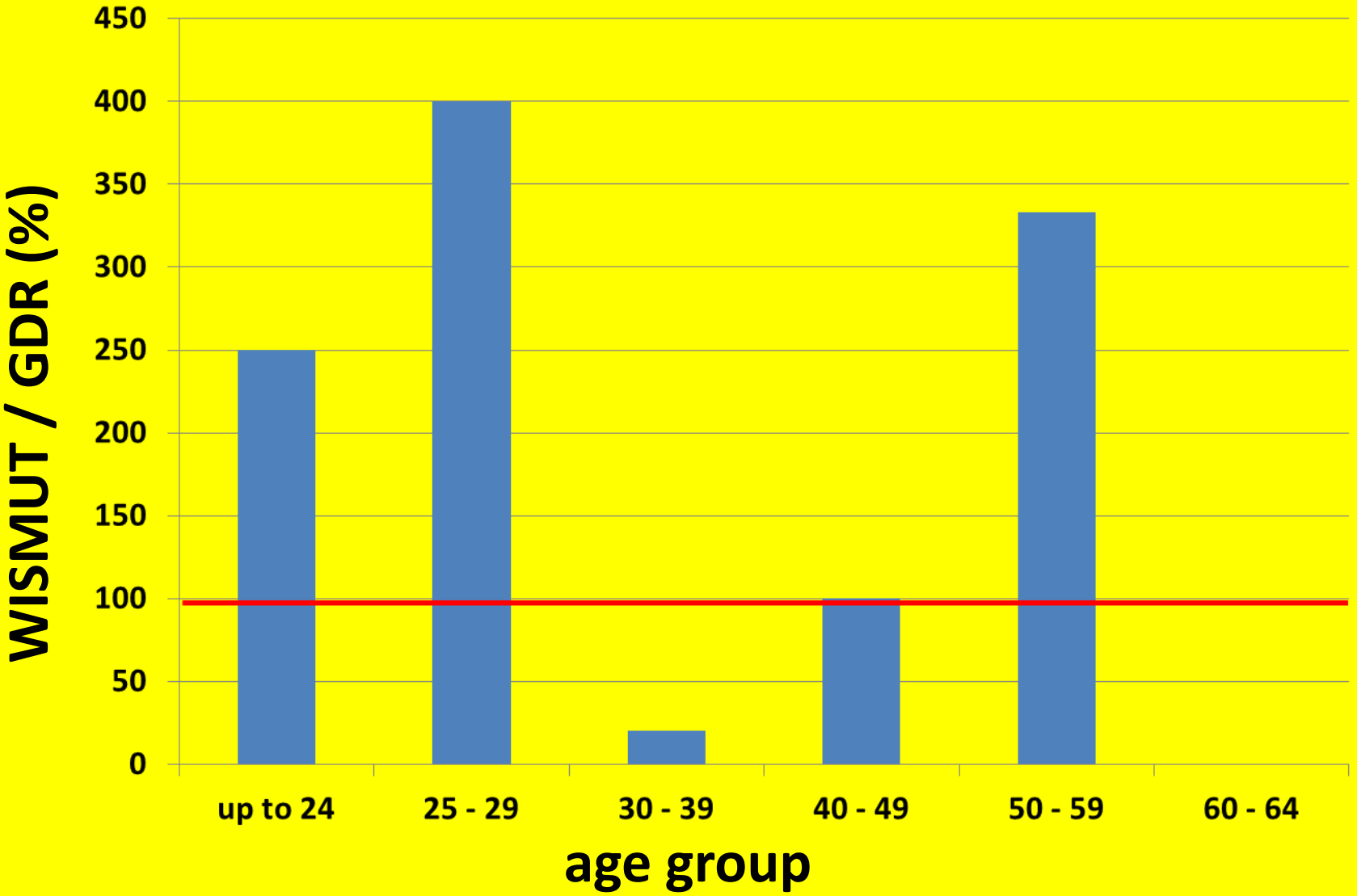
Obesity and other hyperalimentation (278)



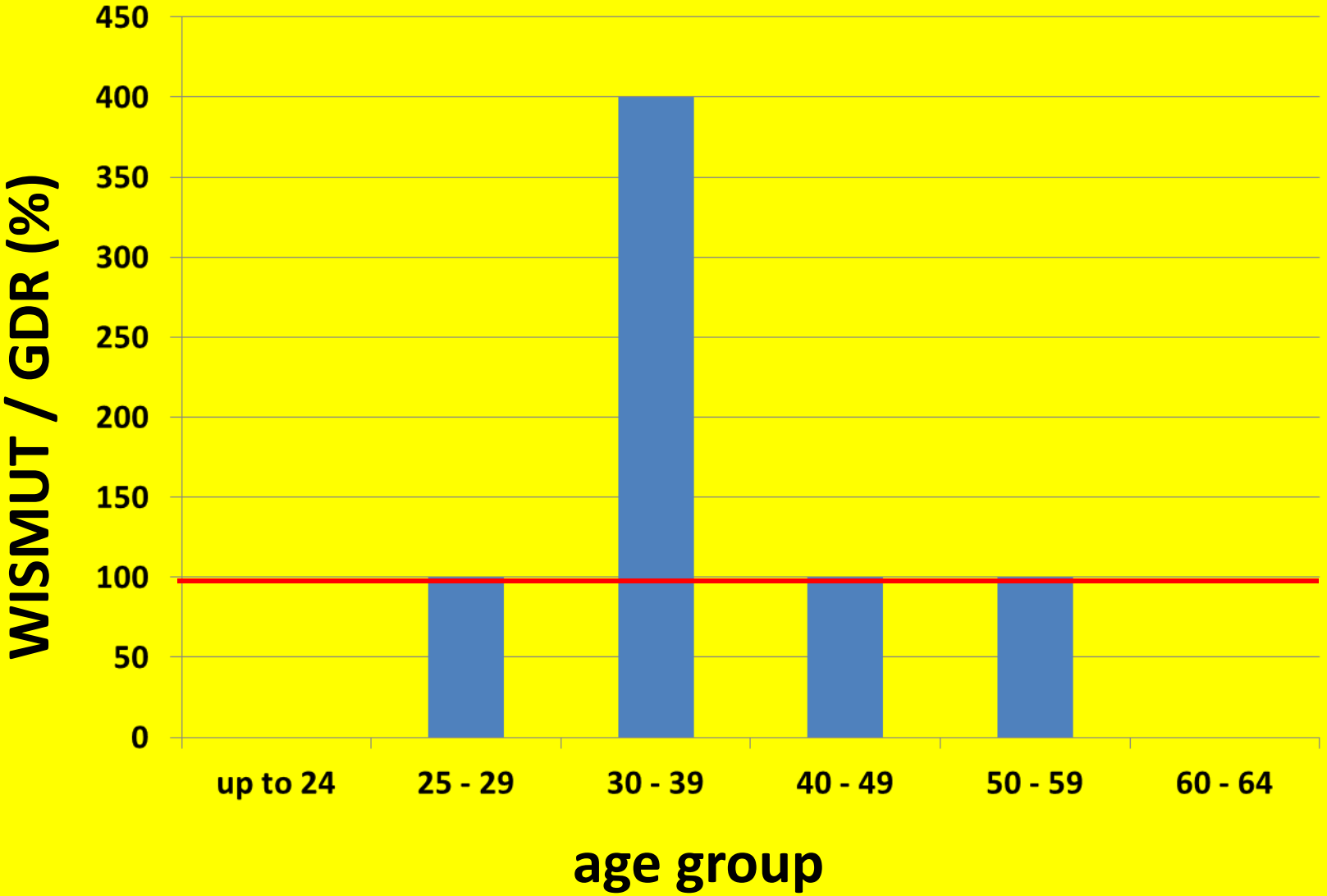
Disorders of external ear (380)



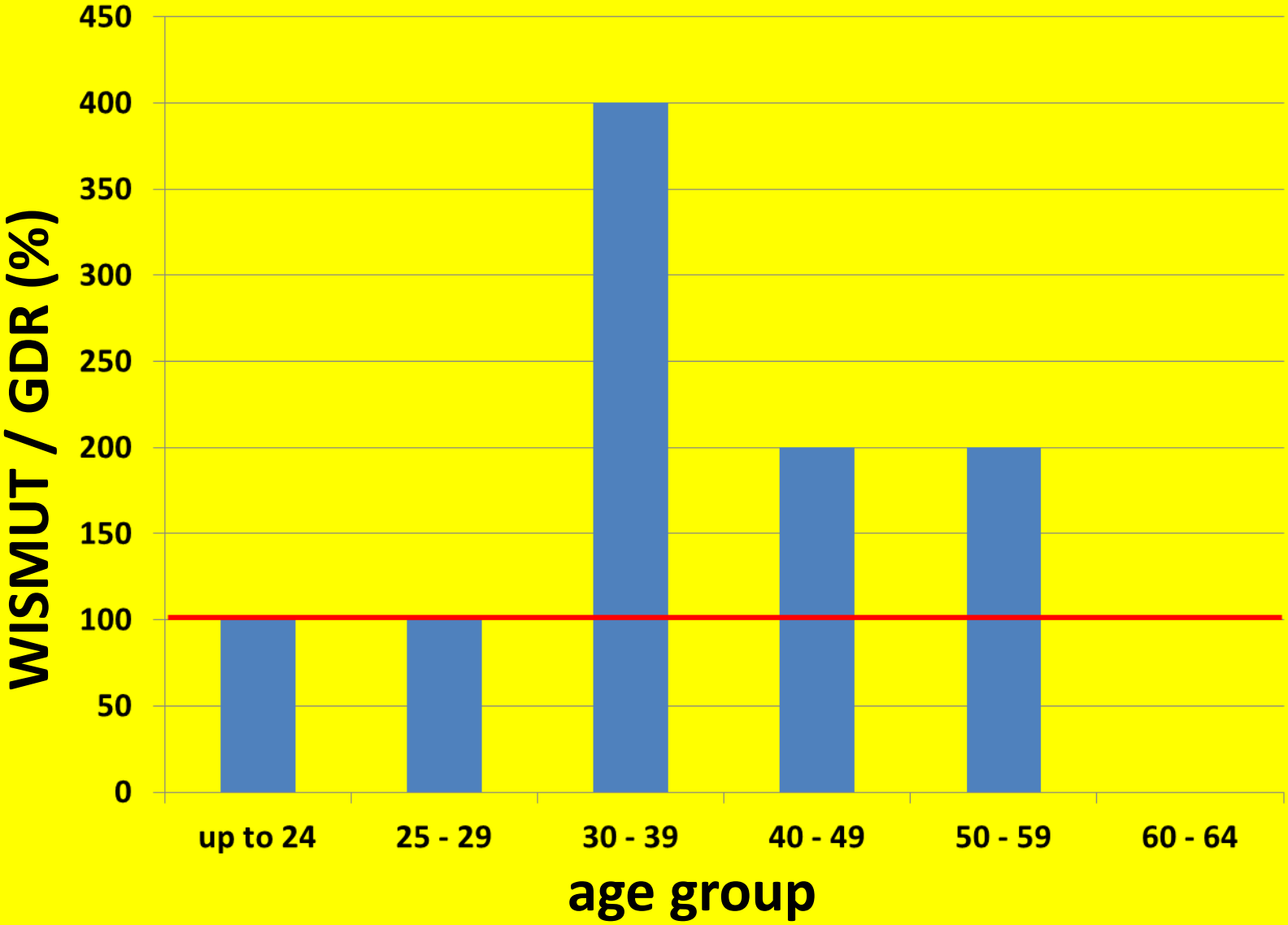
Mastoiditis and related conditions (383)



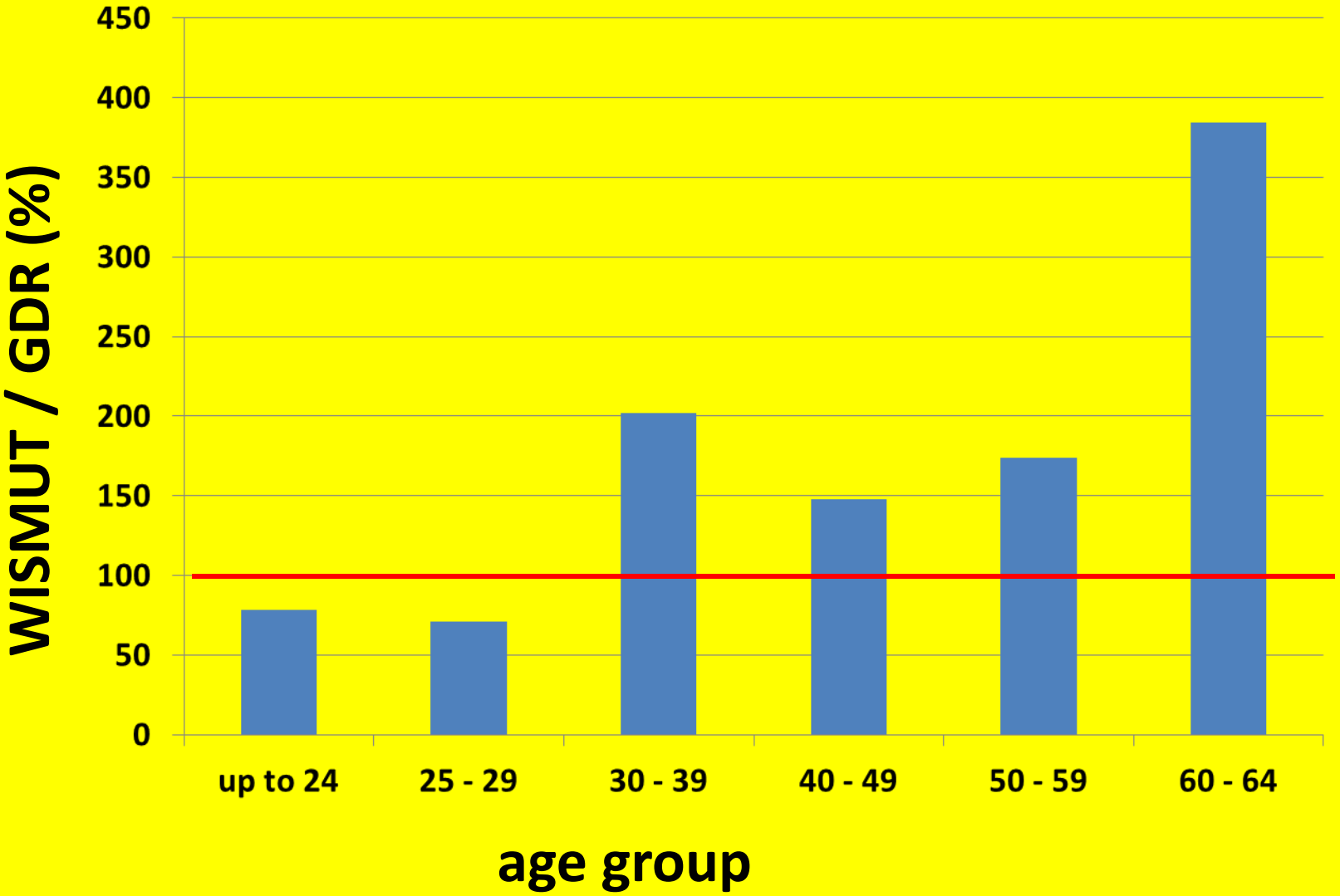
Other disorders of timpanic membrane (384)



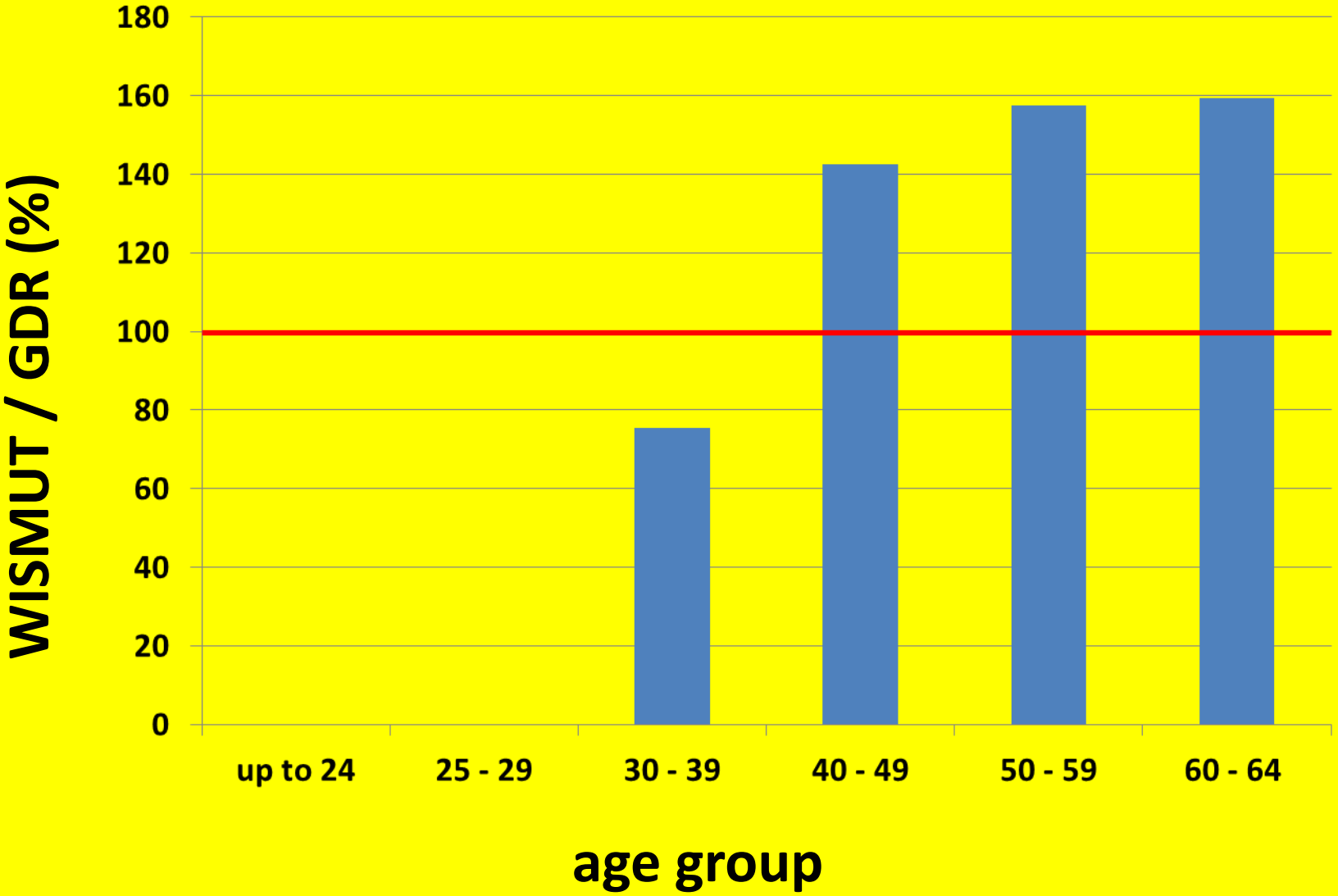
Other disorders of middle ear and mastoid (385)



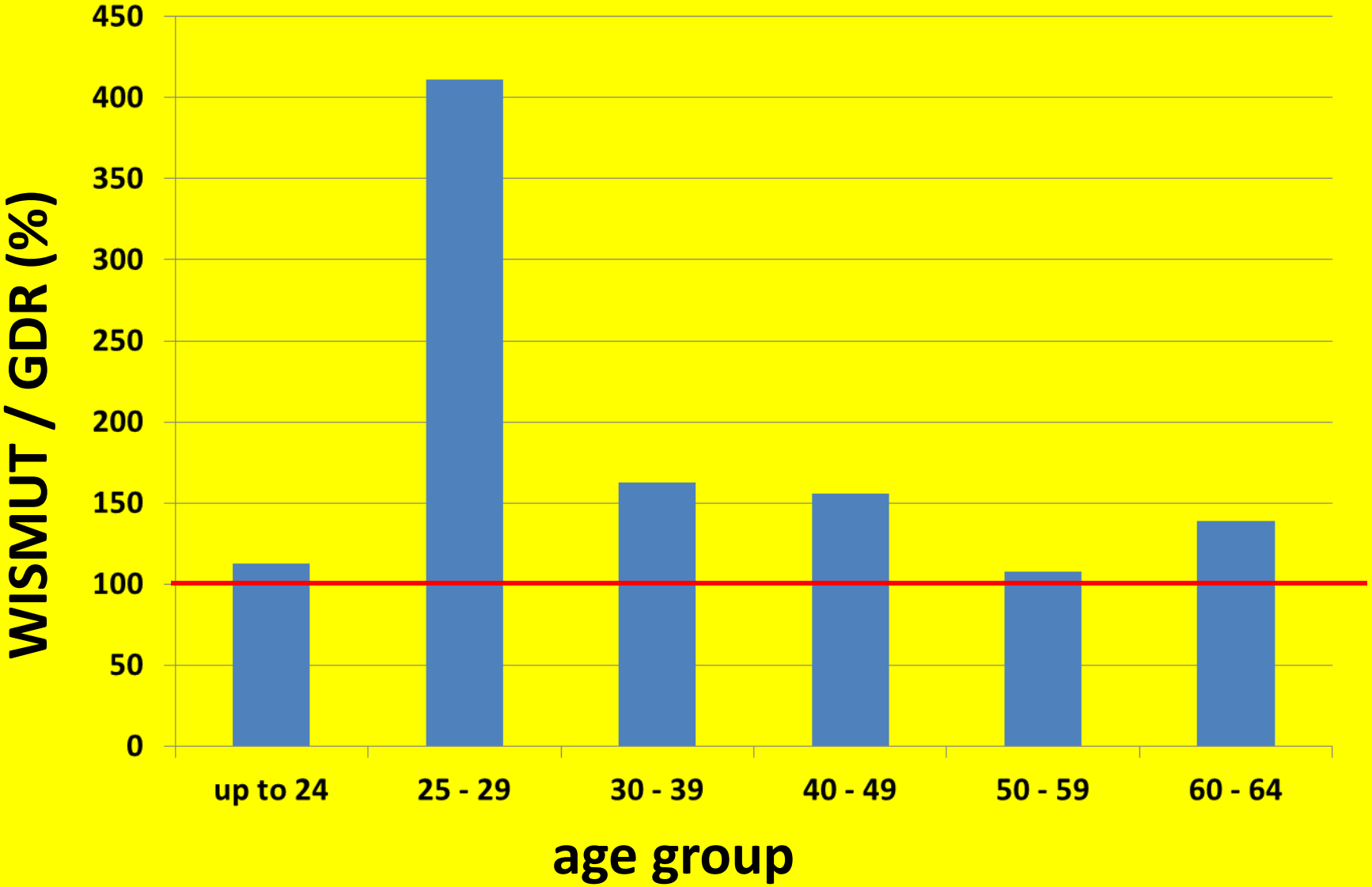
Deafness (389)



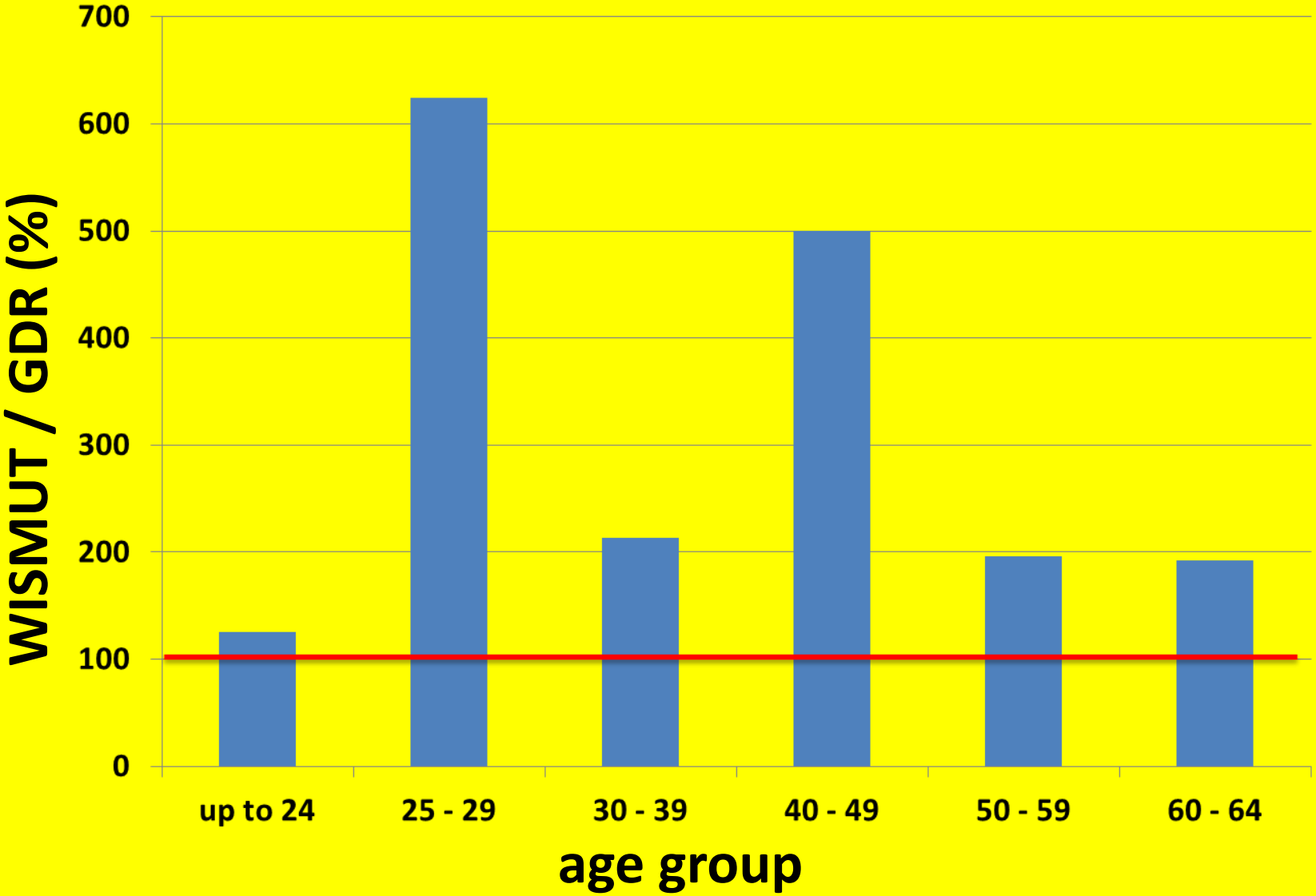
Old myocardial infarction (412)



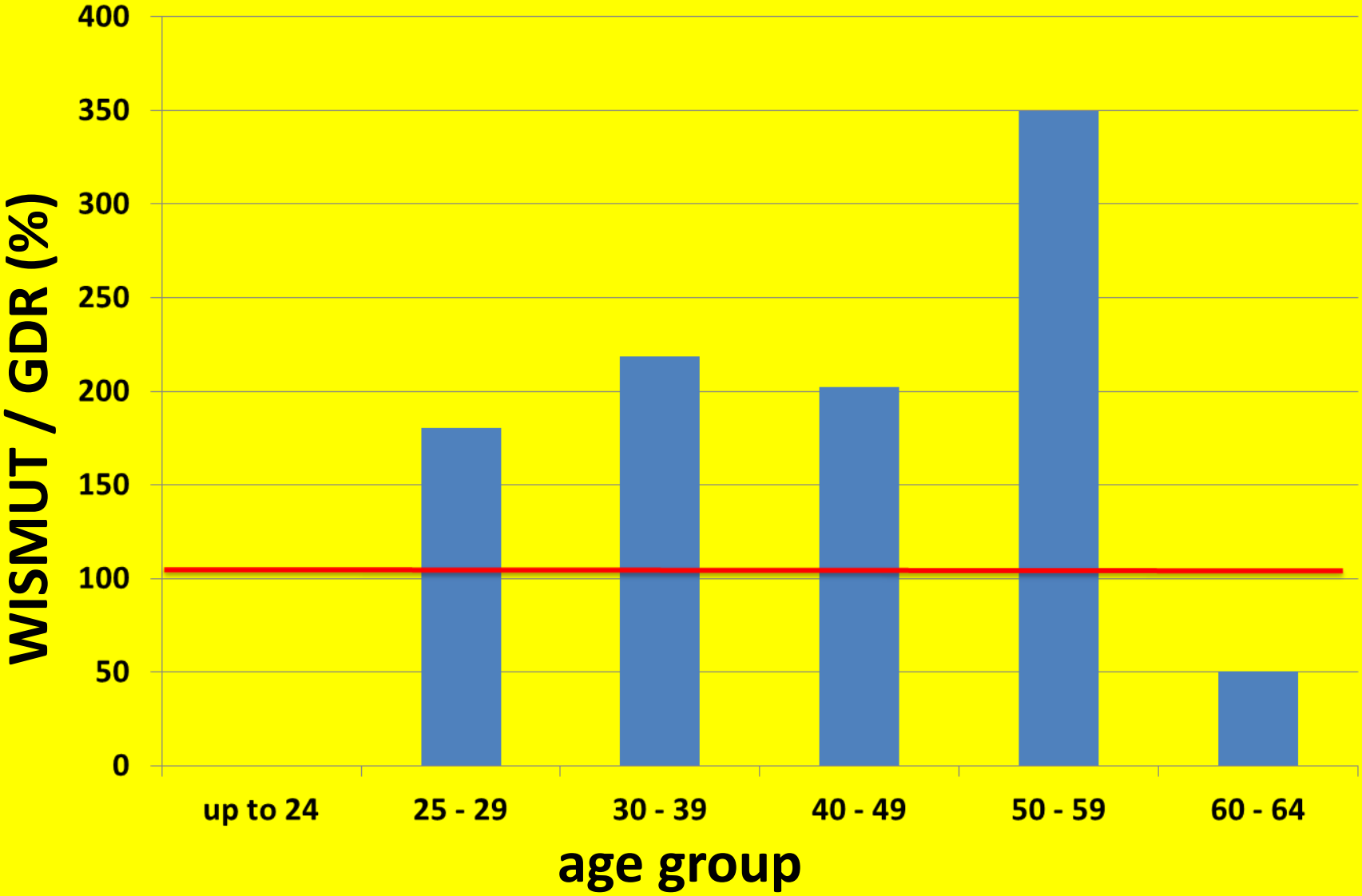
Acute myocarditis (422)



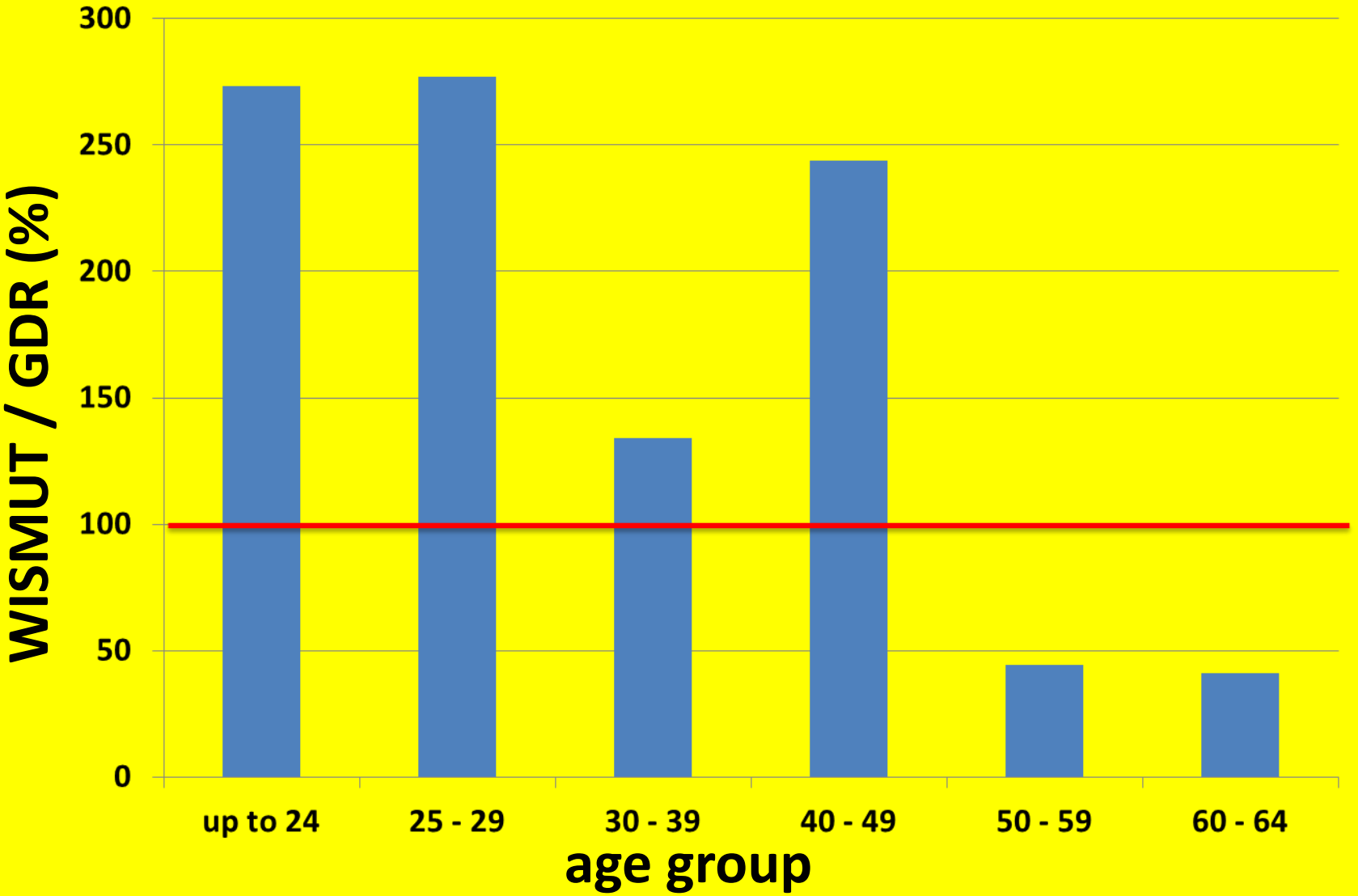
Other diseases of pericardium (423)



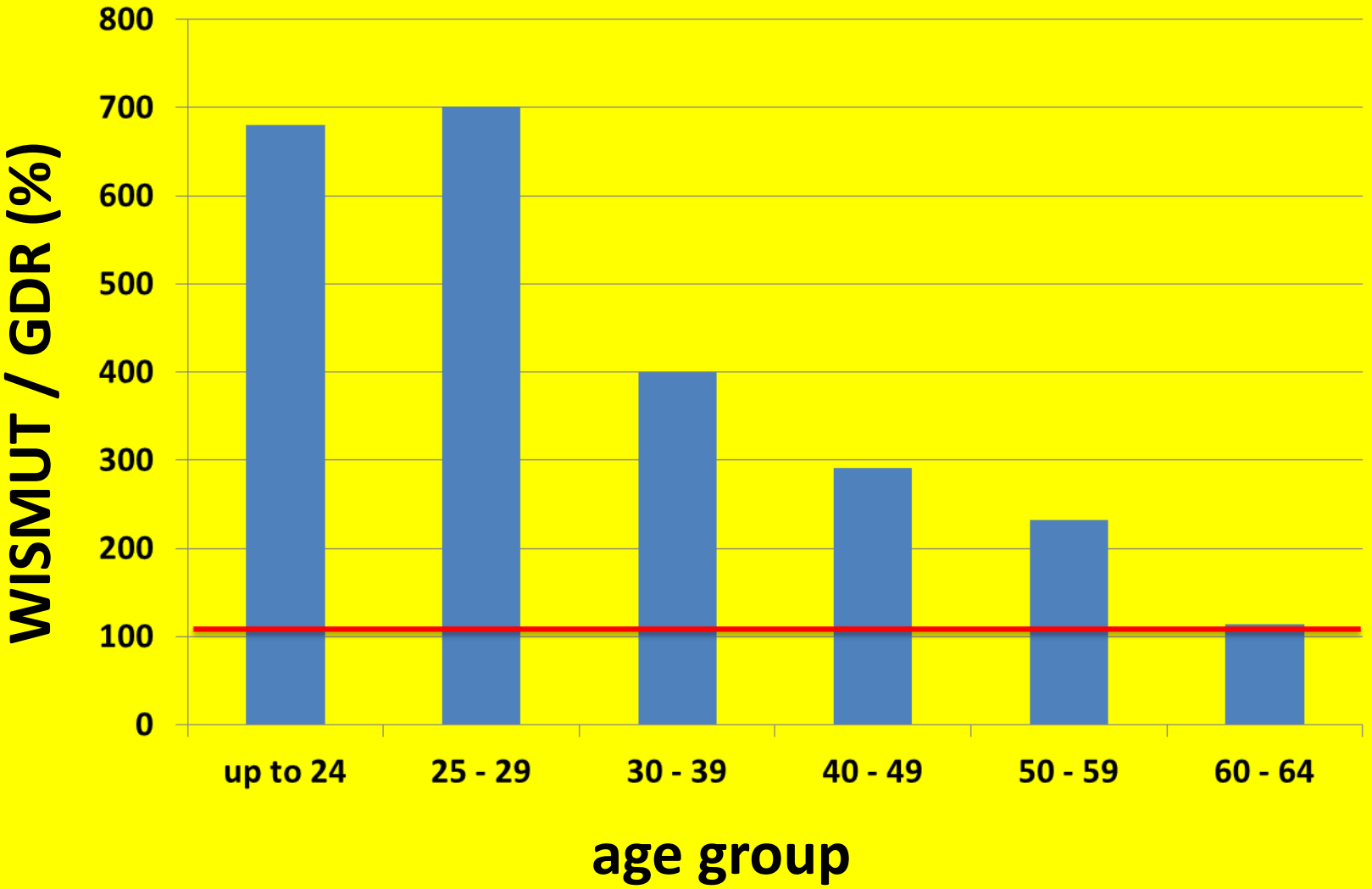
Other diseases of endocard (424)



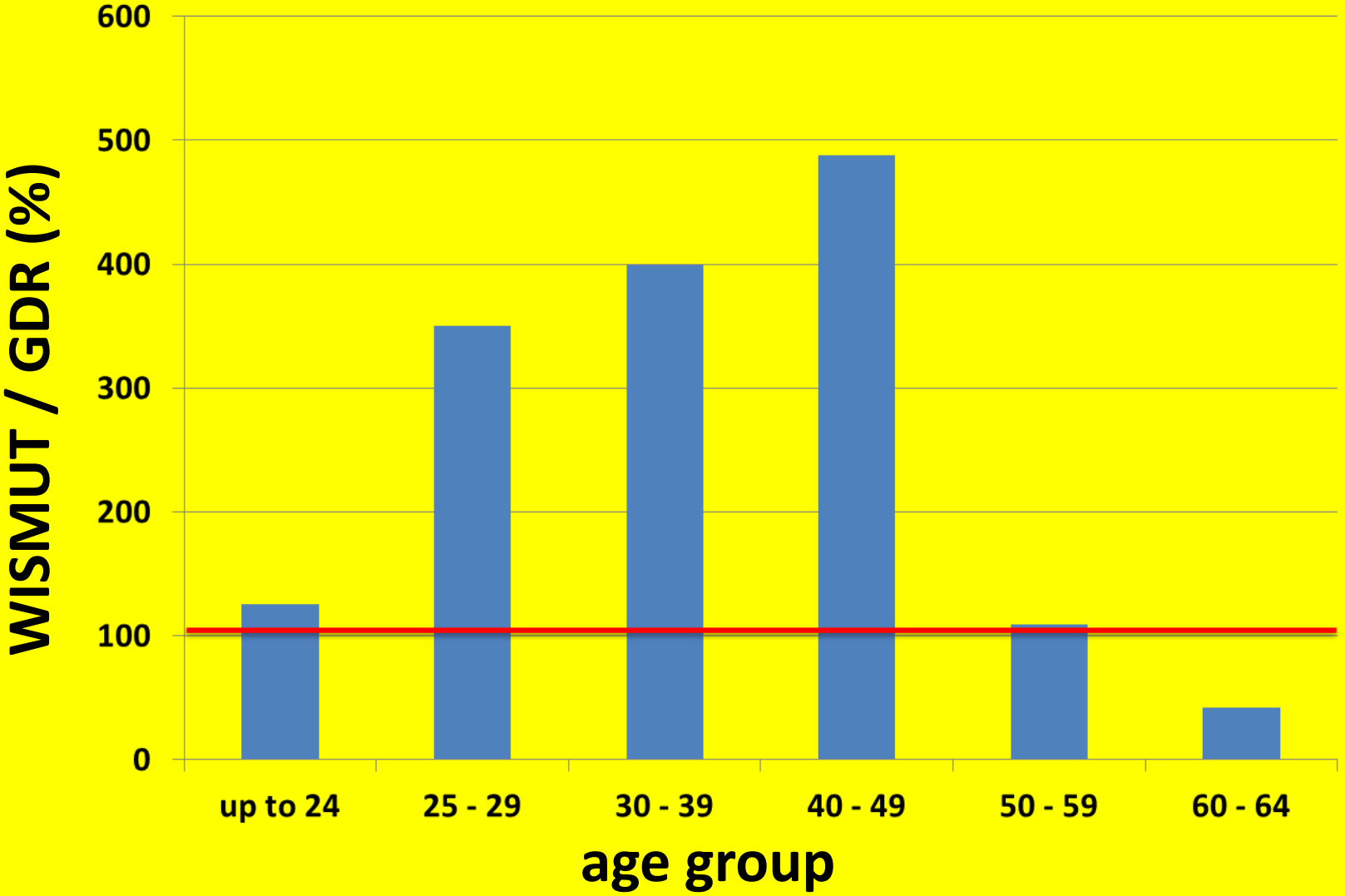
Cardiomyopathy (425)



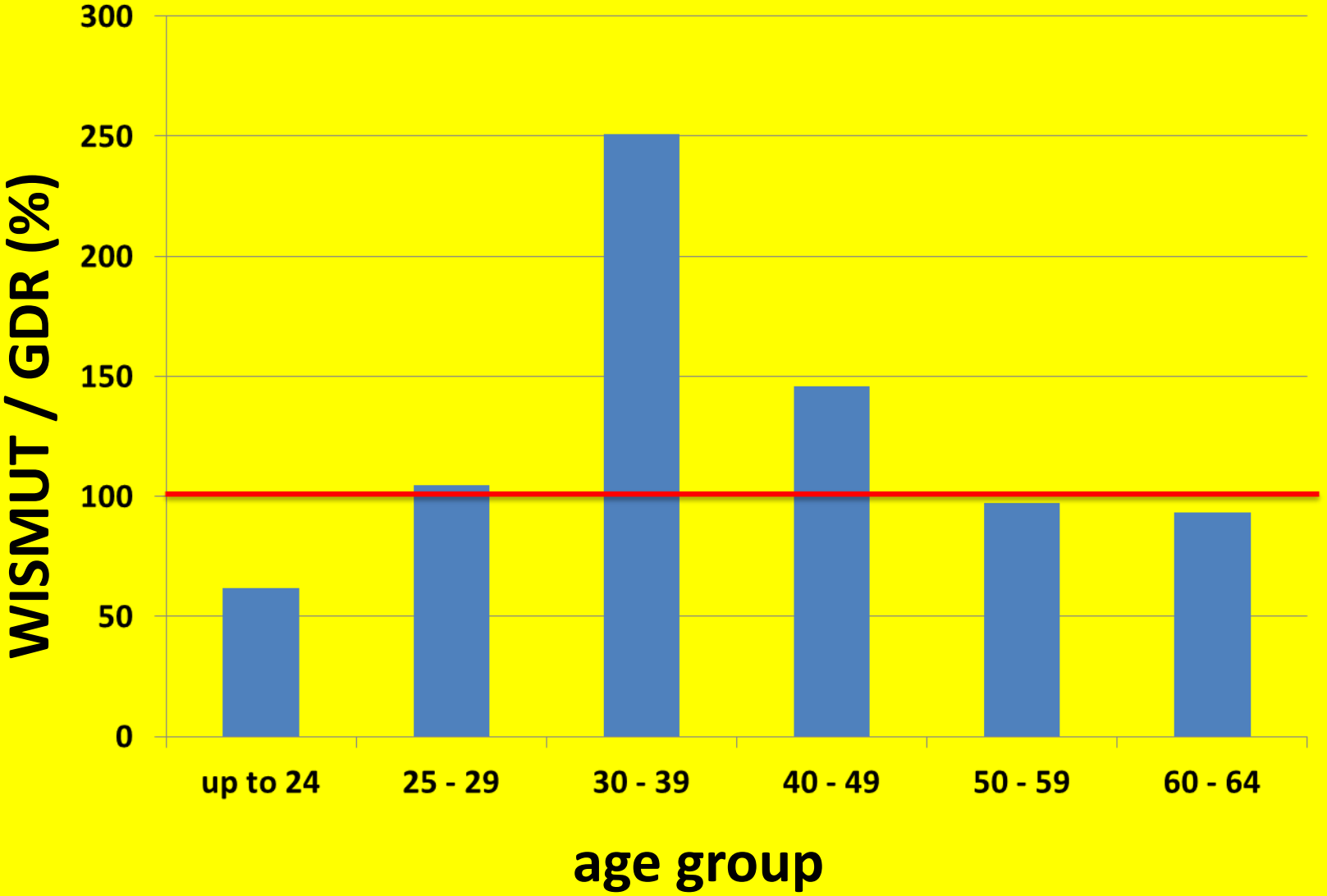
Conduction disorders (426)



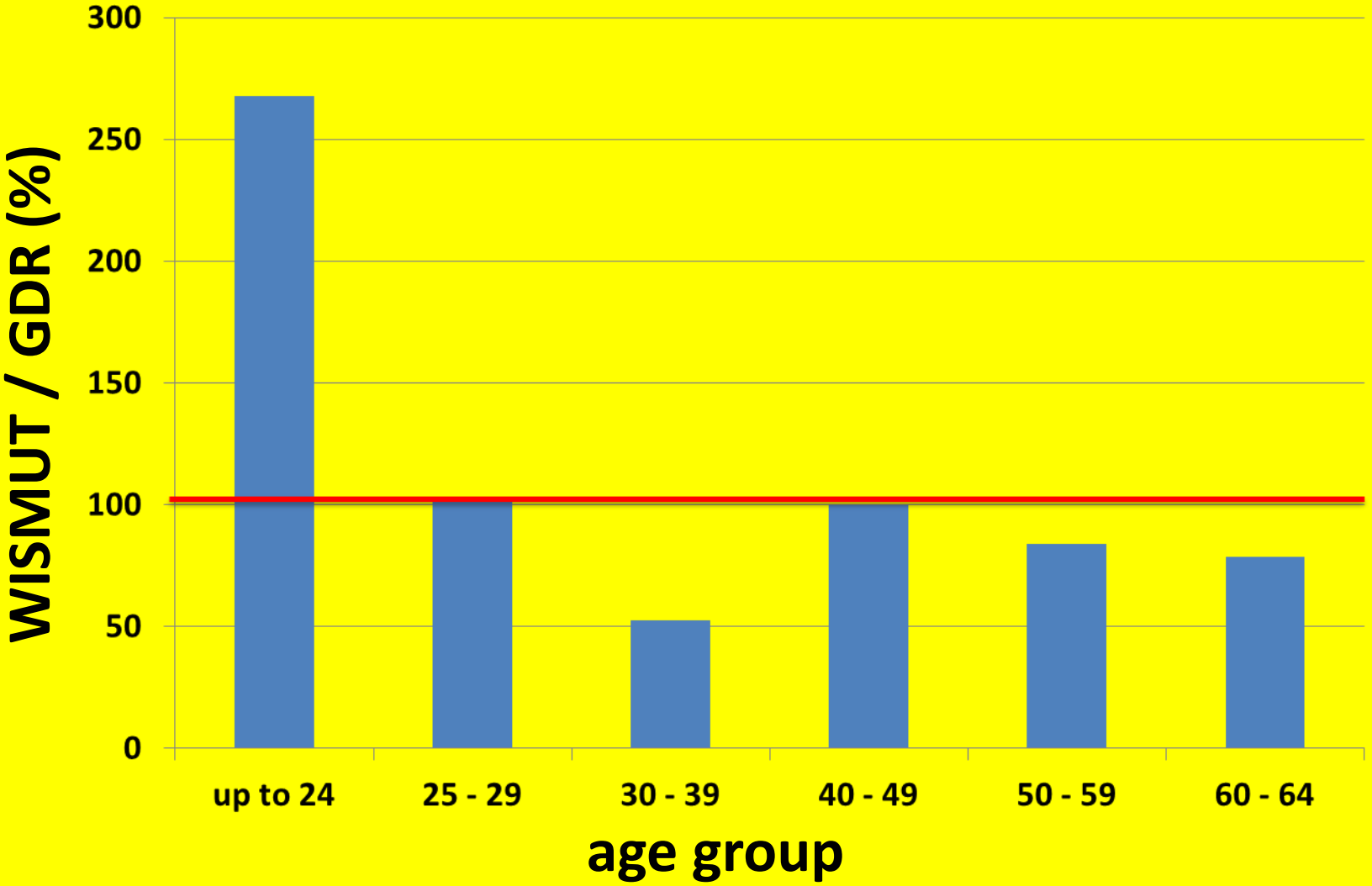
Ill-defined descriptions and complications of heart diseases (429)



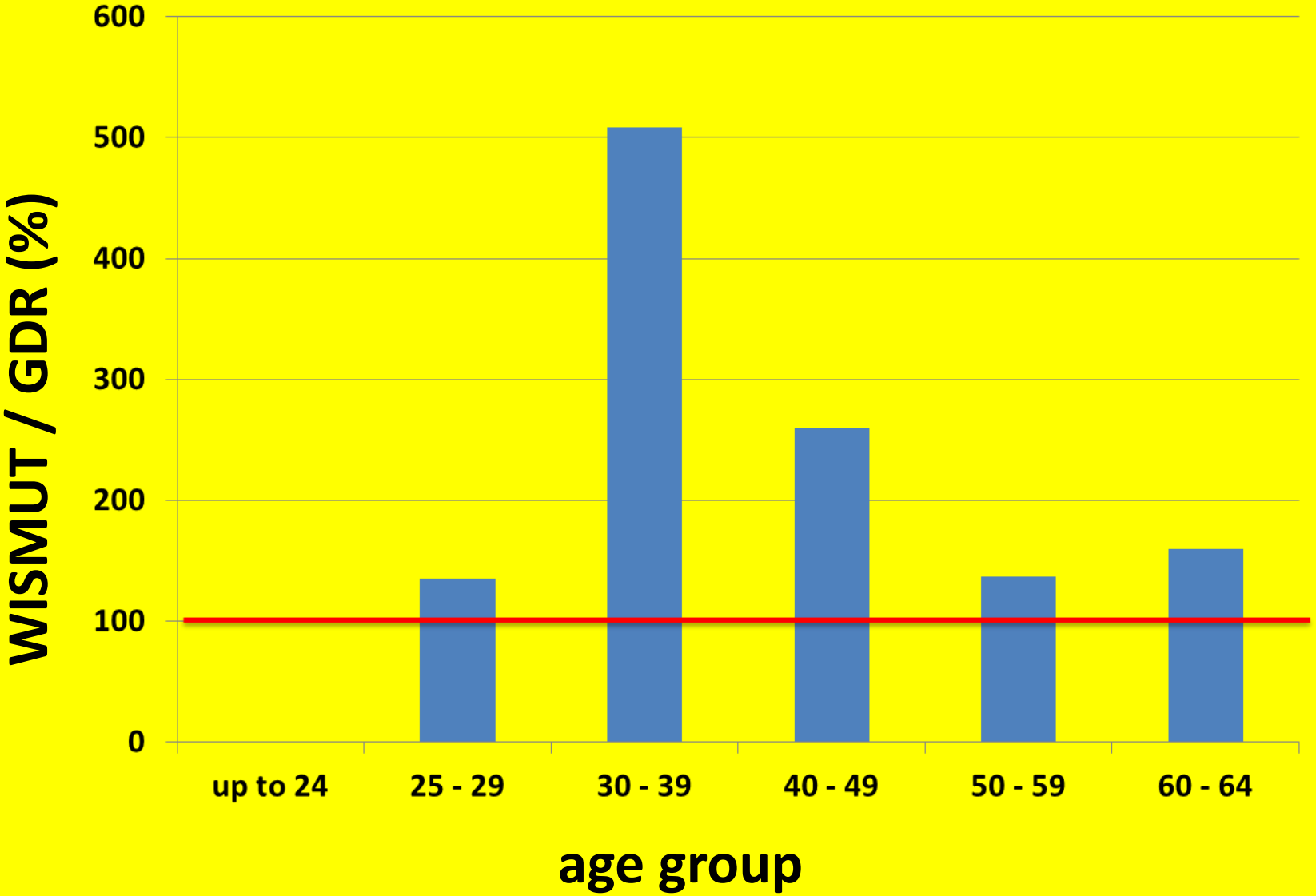
Diseases of arteries, arterioles, and capillaries (440-448)



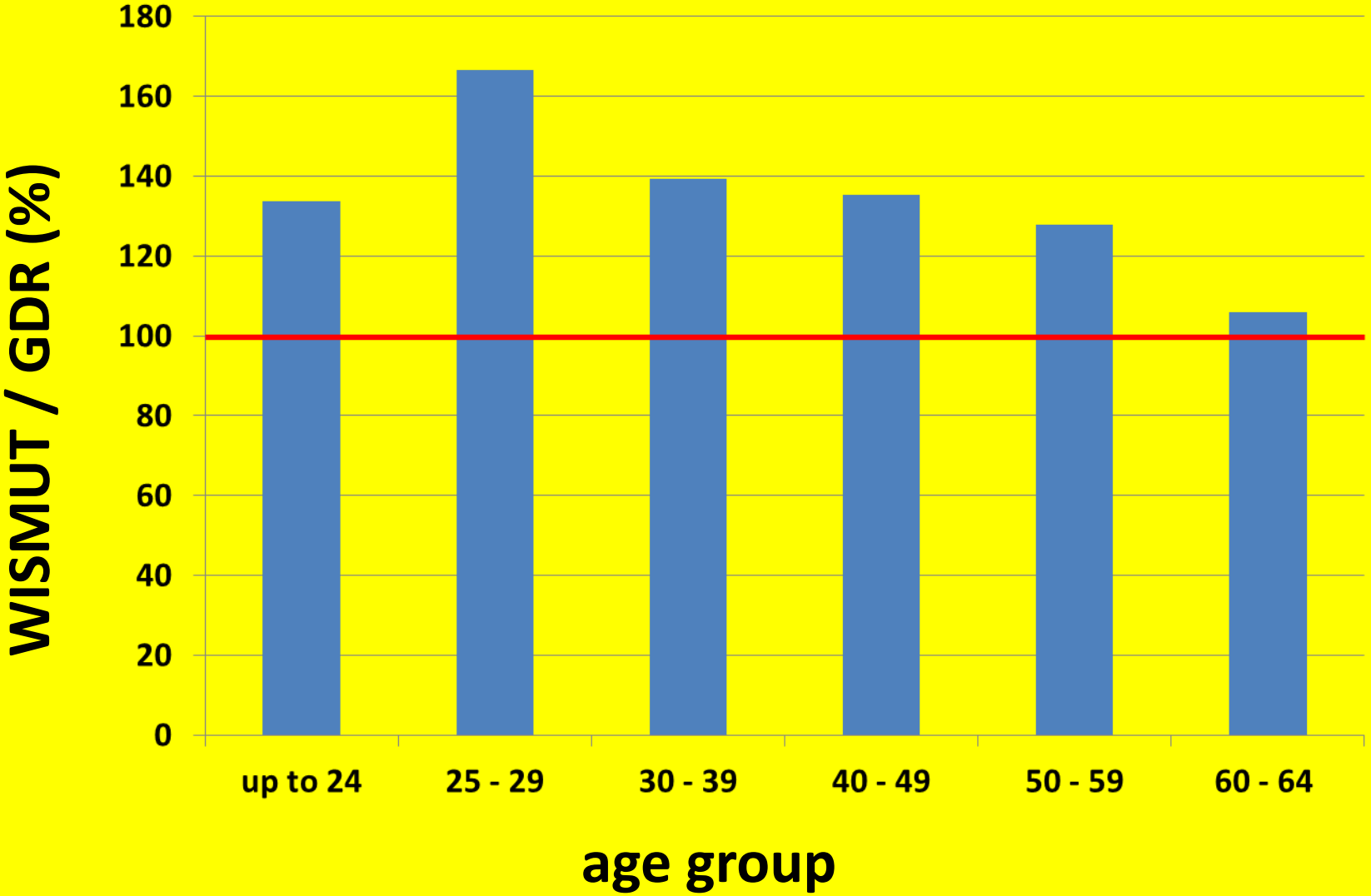
Arteriosclerosis (440)



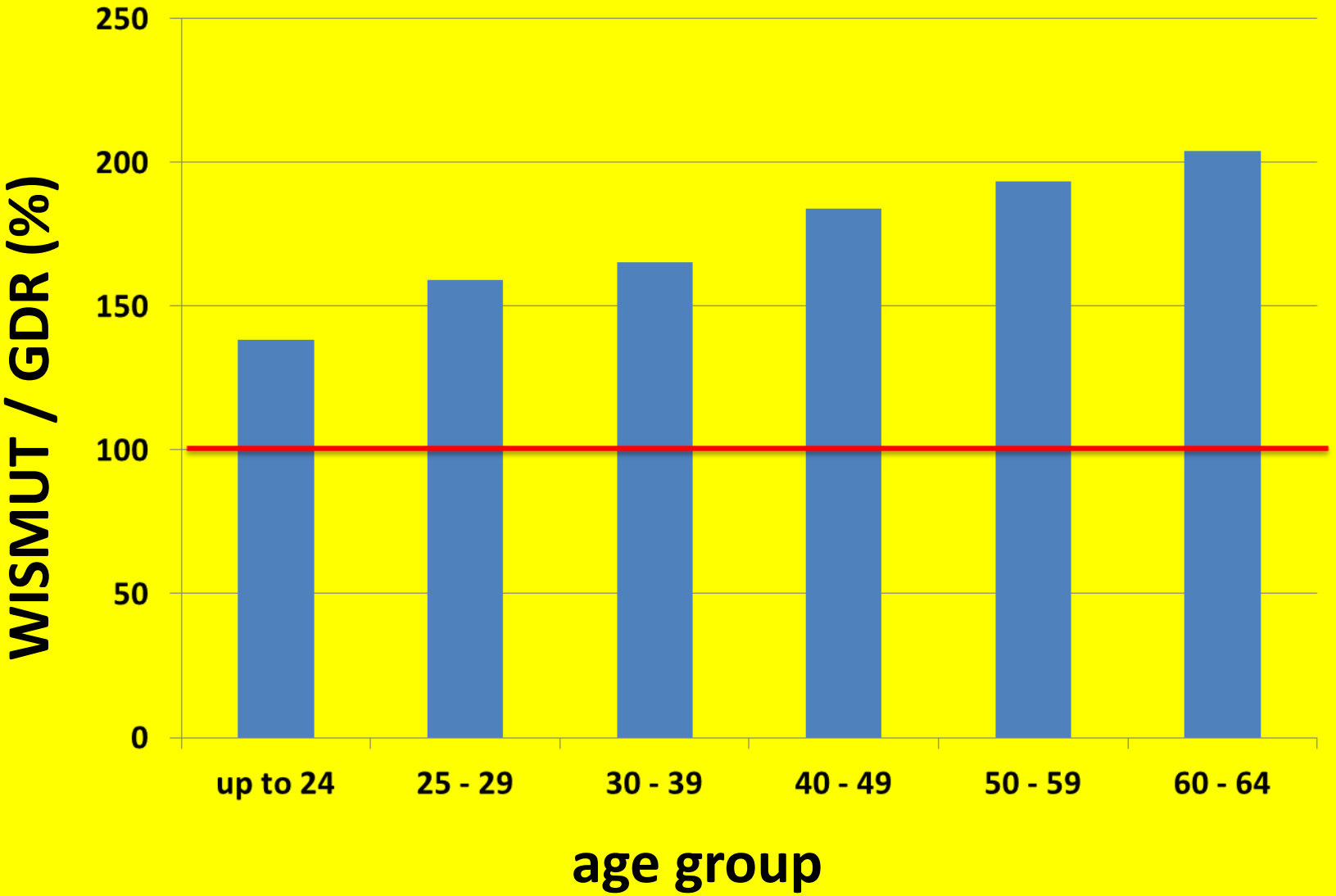
Other peripheral vascular diseases (443)



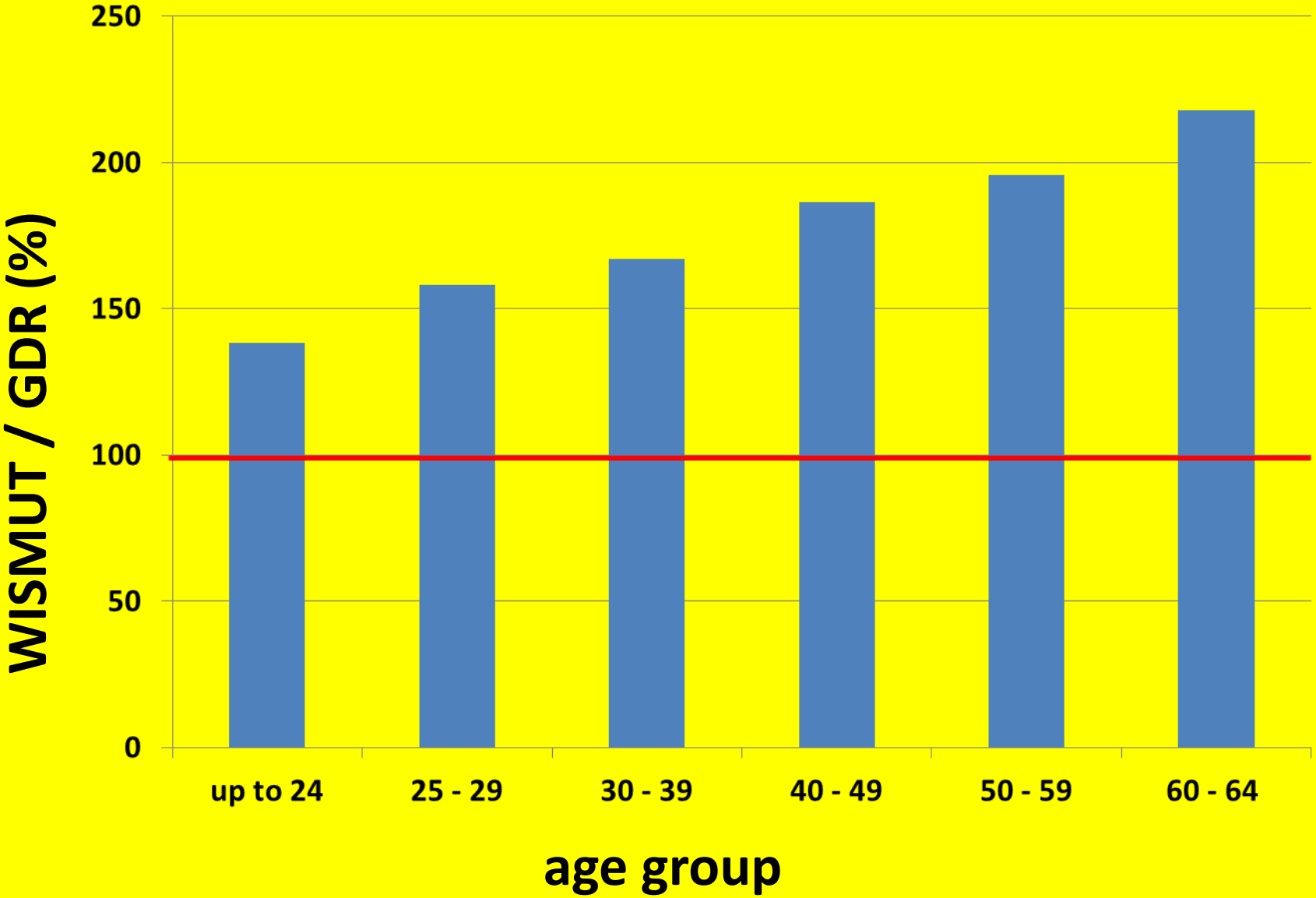
Acute sinusitis (461)



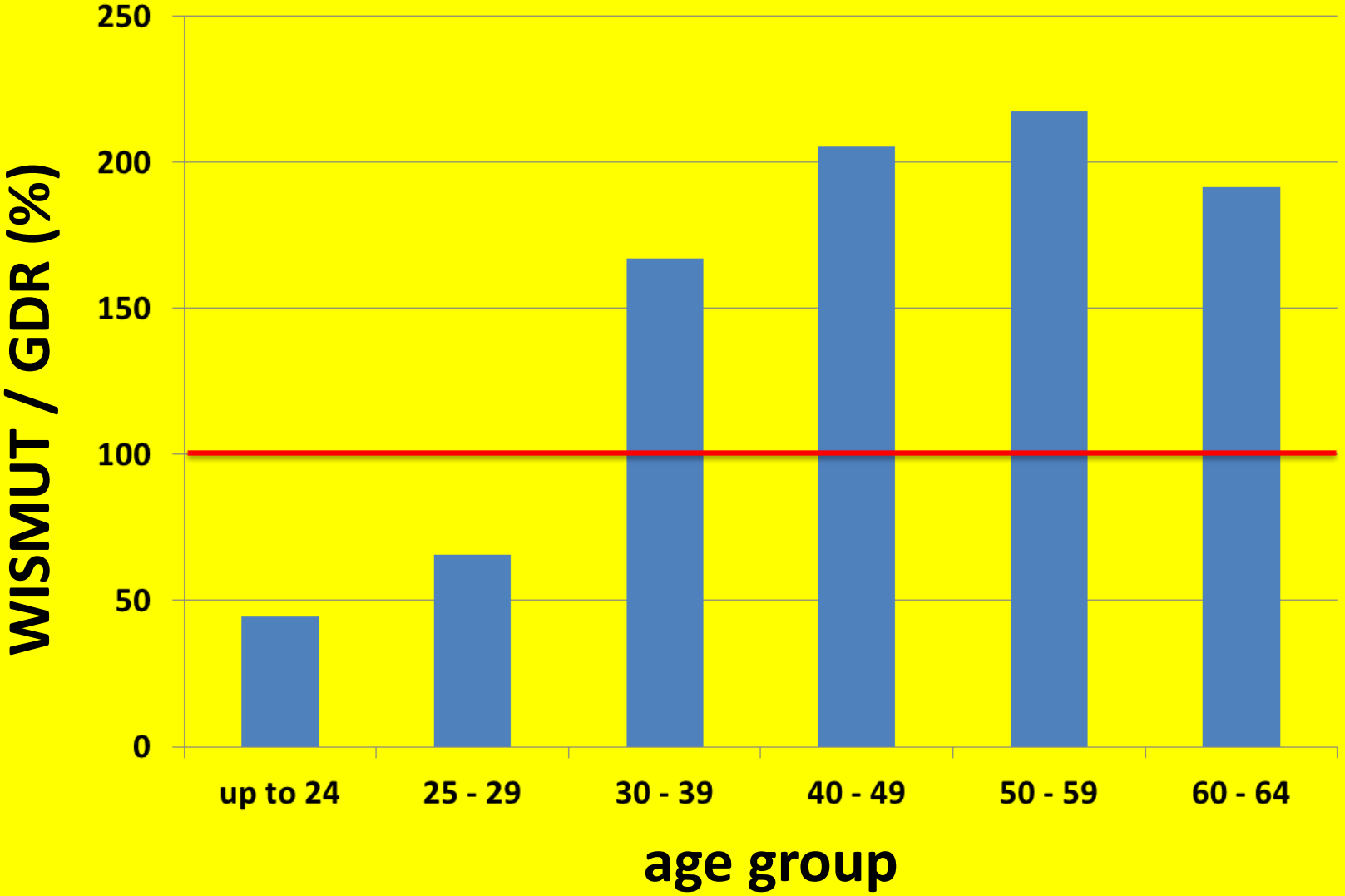
Pneumonia and influenza (480-487)



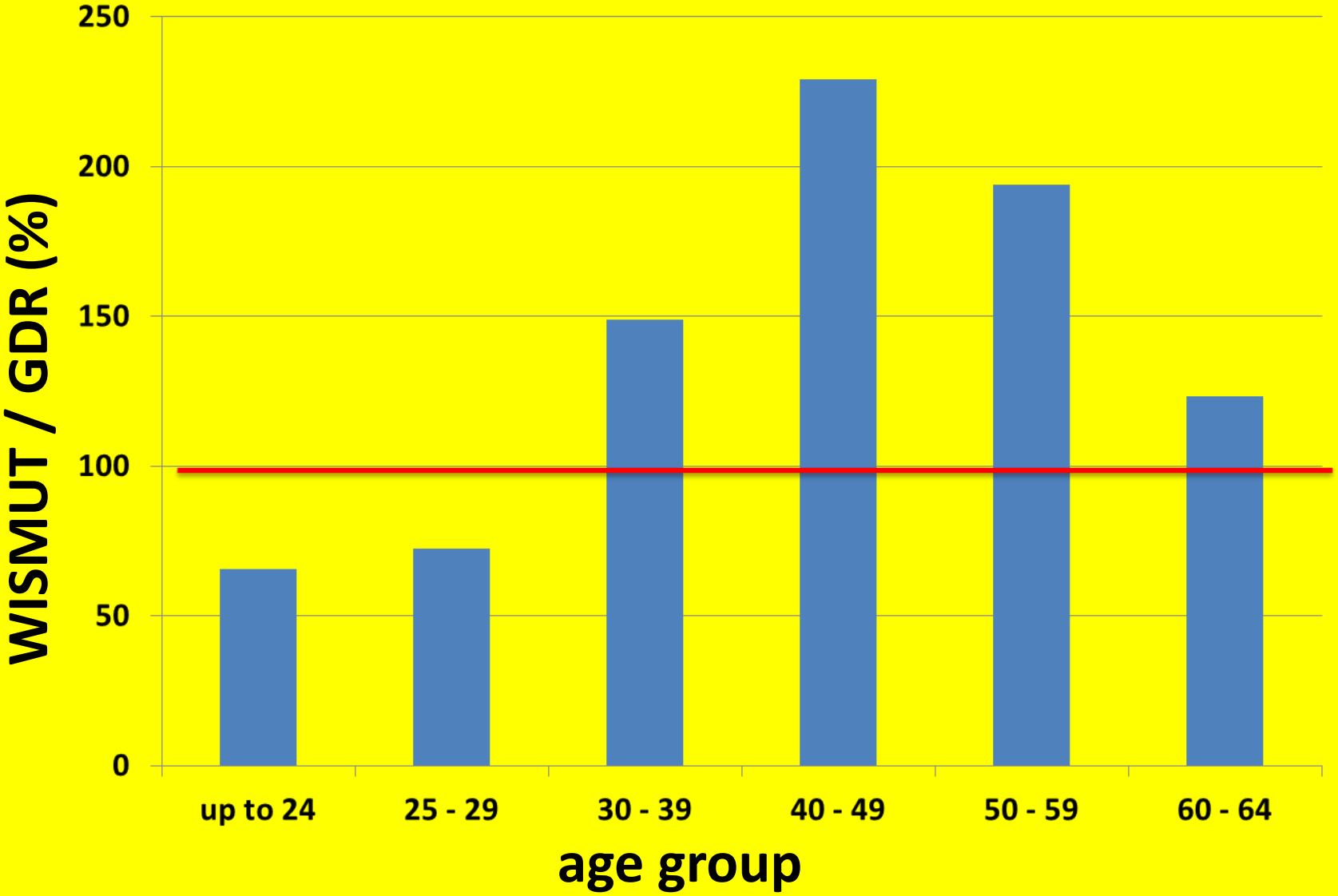
Influenza (487)



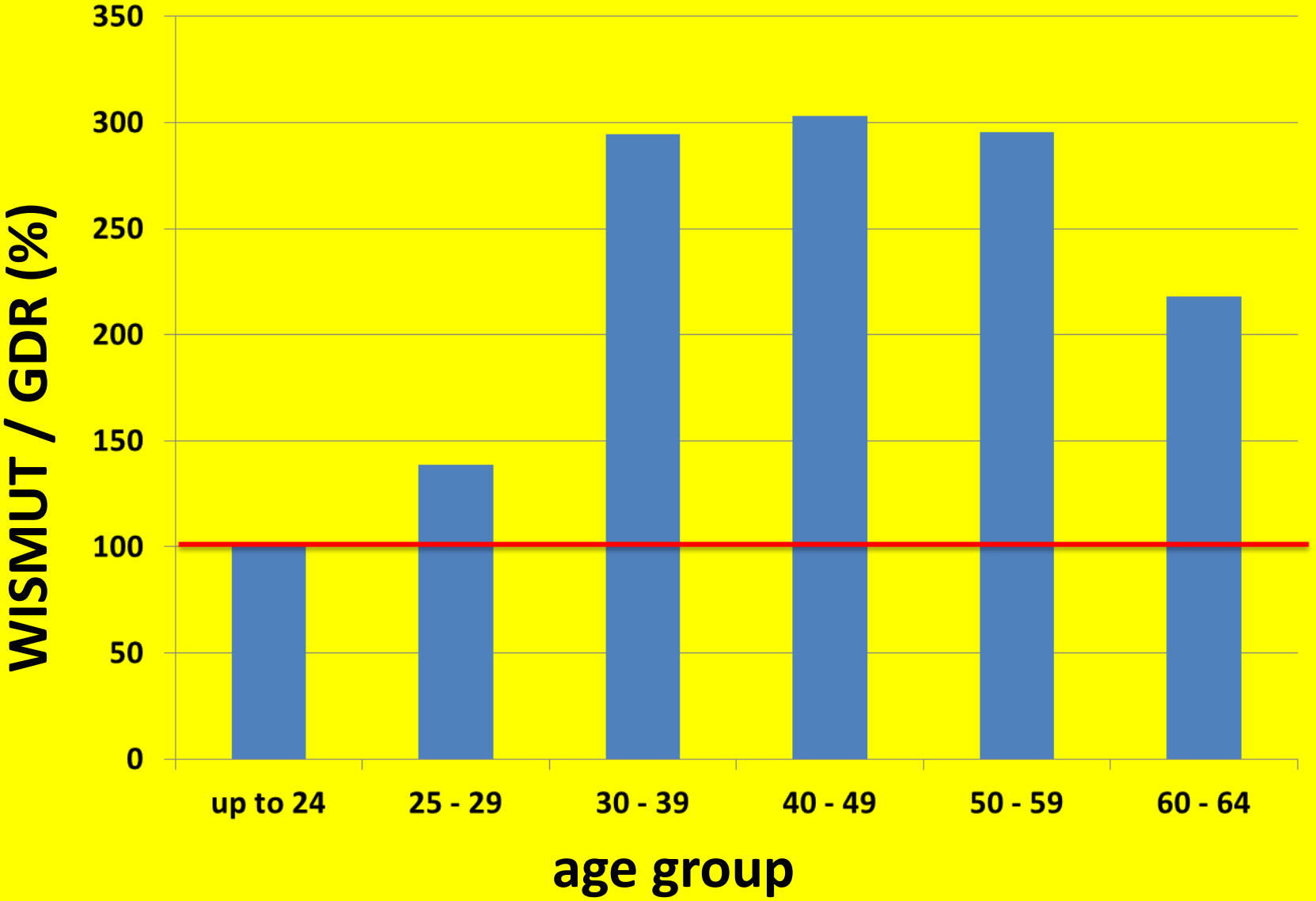
Chronic obstructive pulmonary disease and allied conditions (490-496)



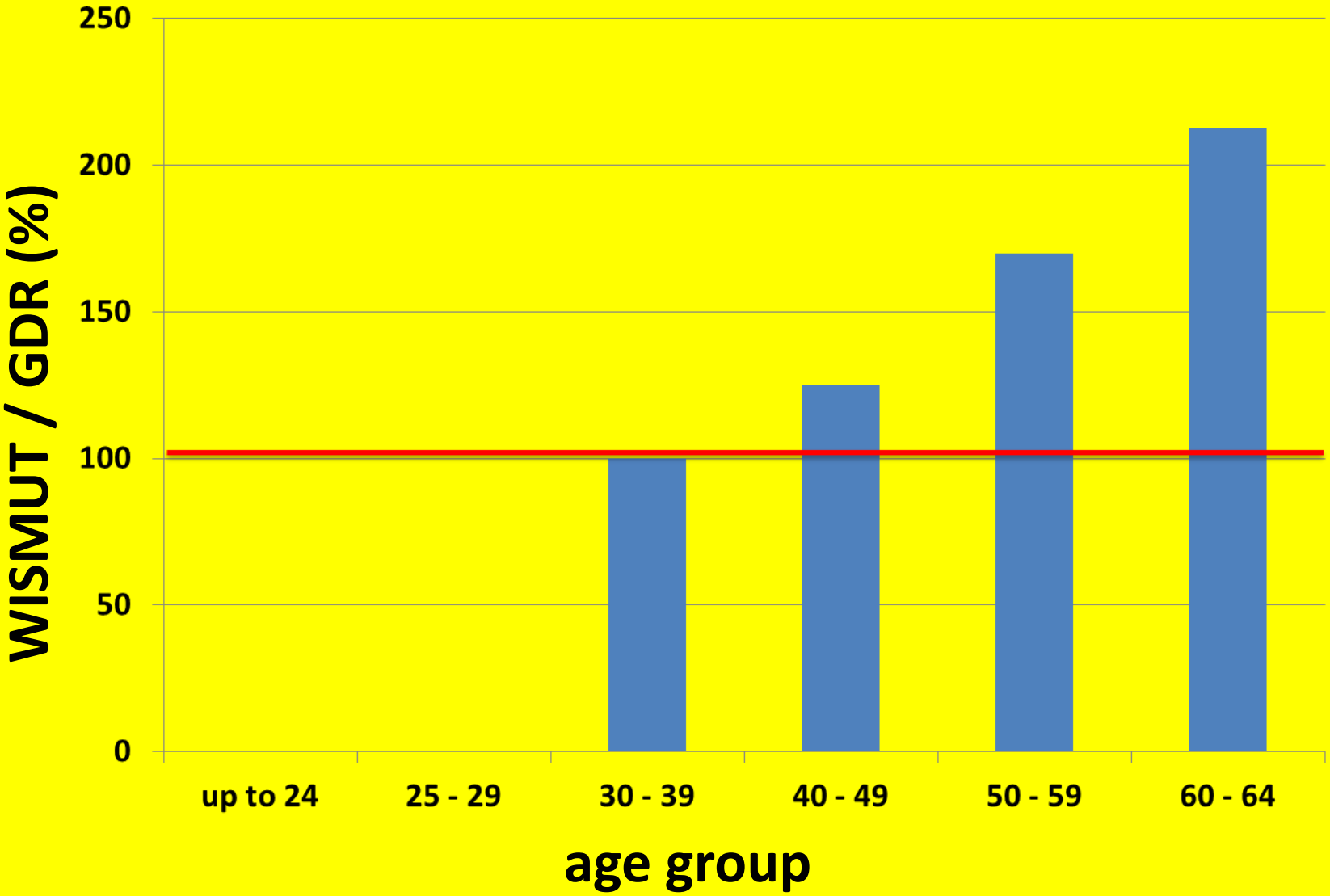
Bronchitis, not specified as acute or chronic (490)



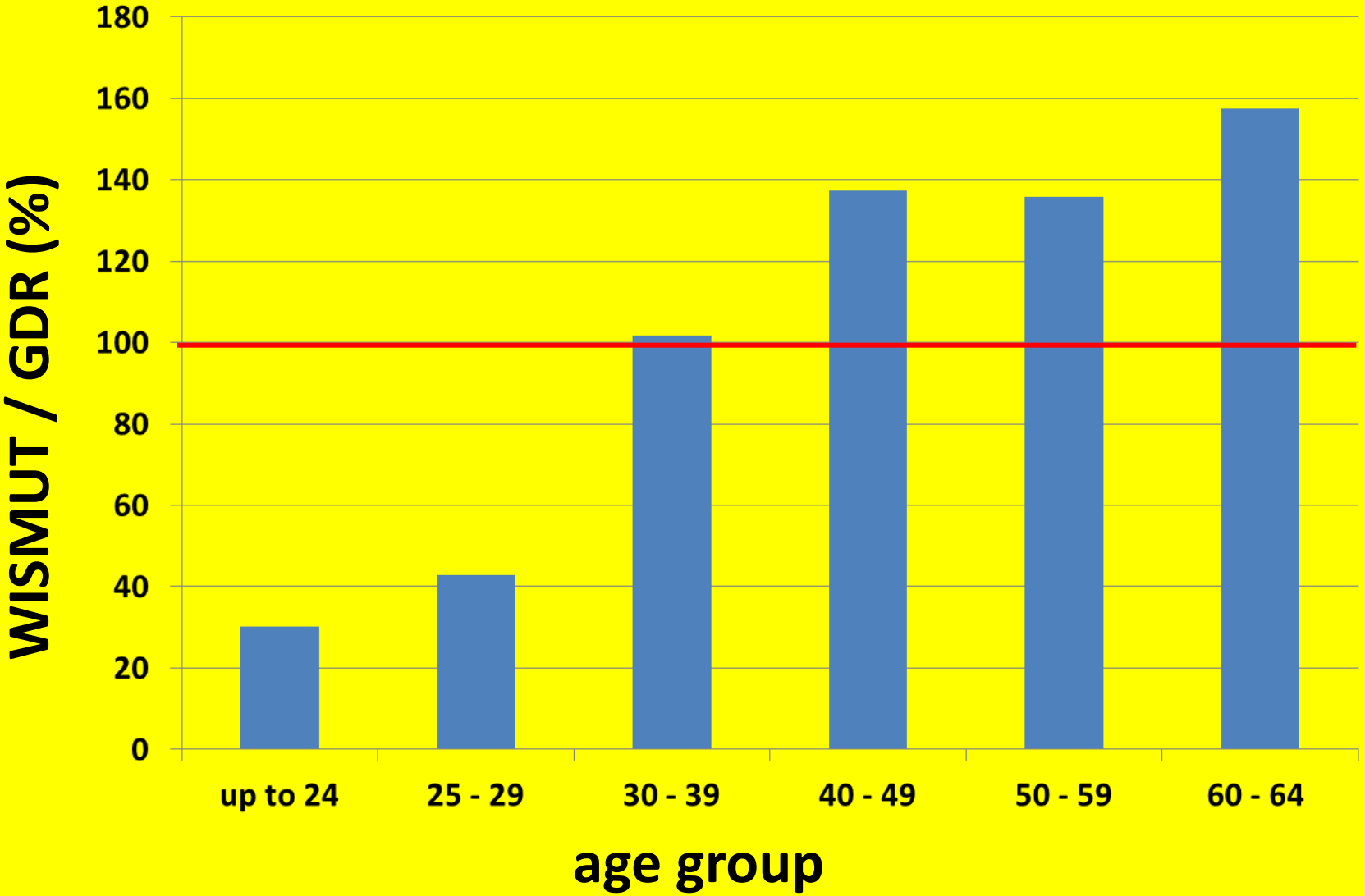
Chronic bronchitis (491)



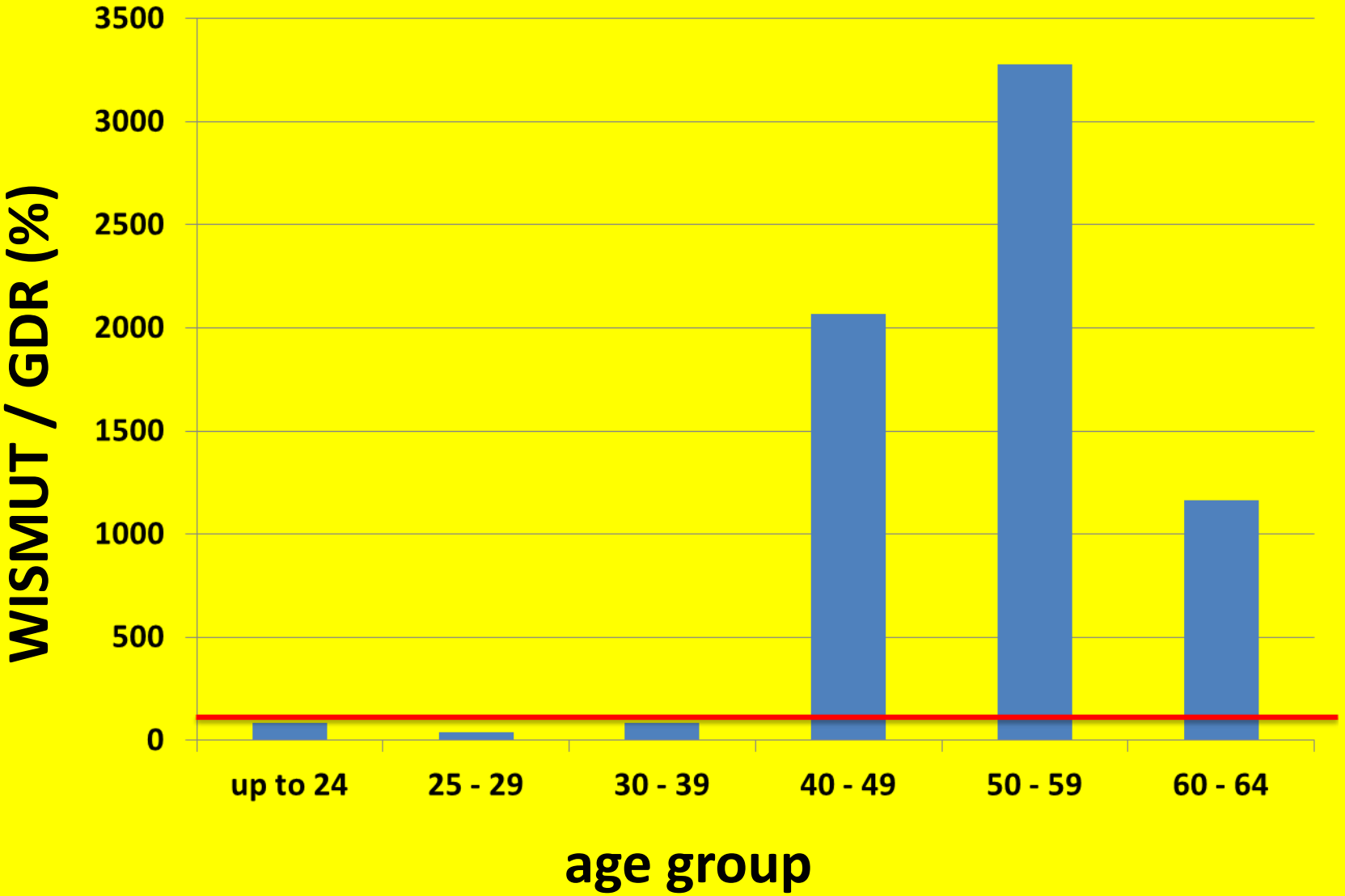
Emphysema (492)



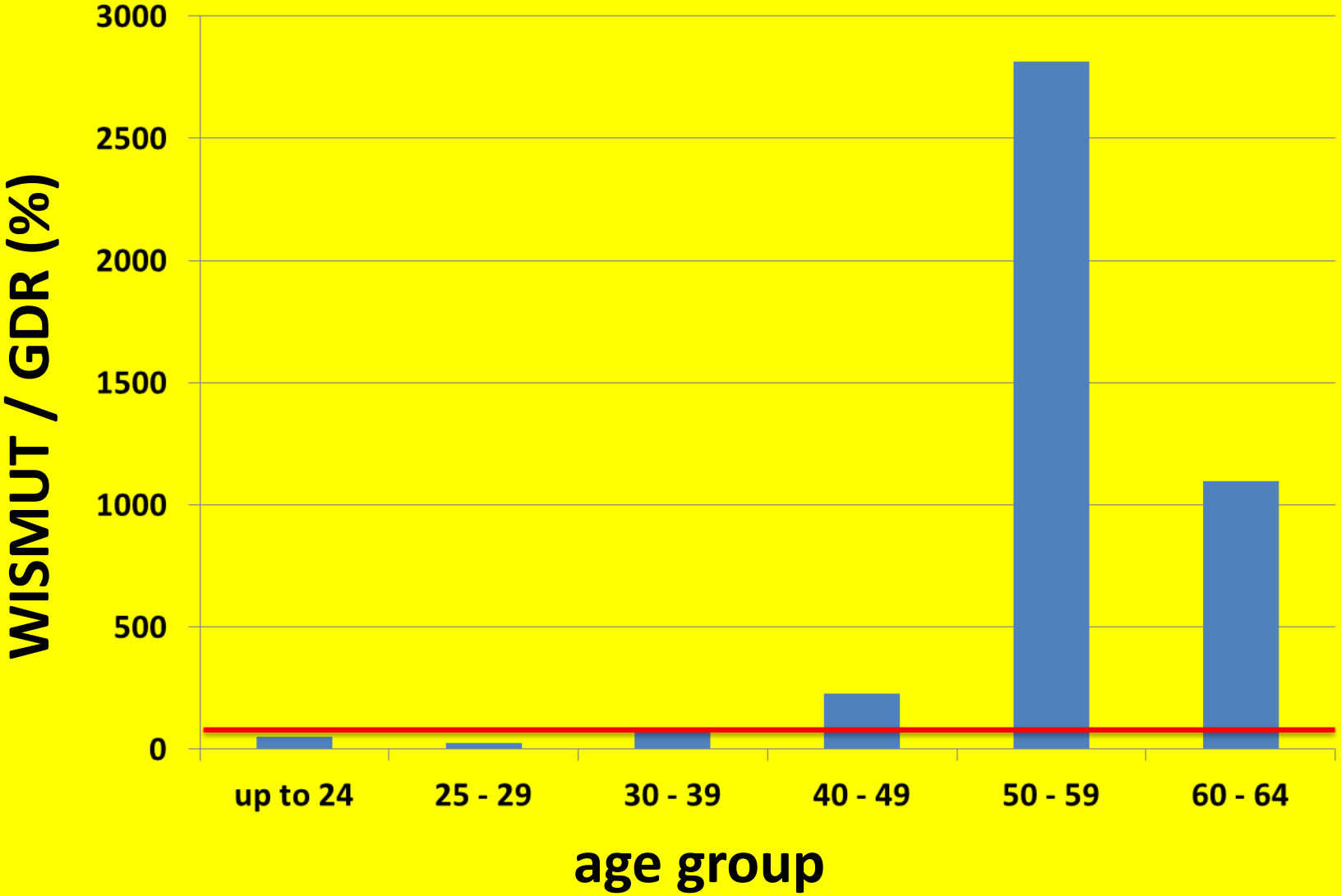
Asthma (493)


WISMUT / GDR (%)
180
160
140
120
100
80
60
40
20
0
up to 24
25 - 29
30 - 39
40 - 49
50 - 59
60 - 64
age group

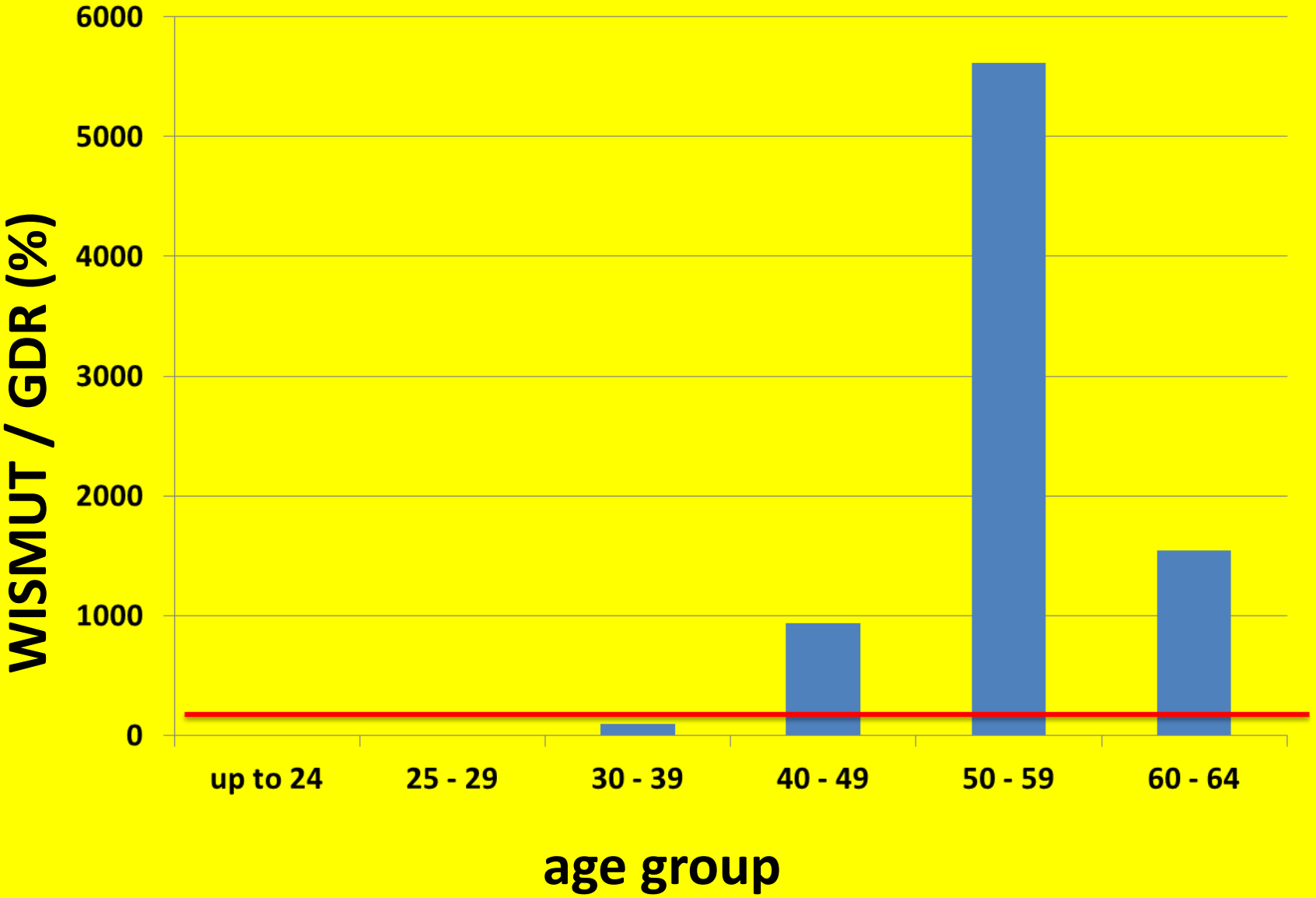
Pneumoconioses (500-505)



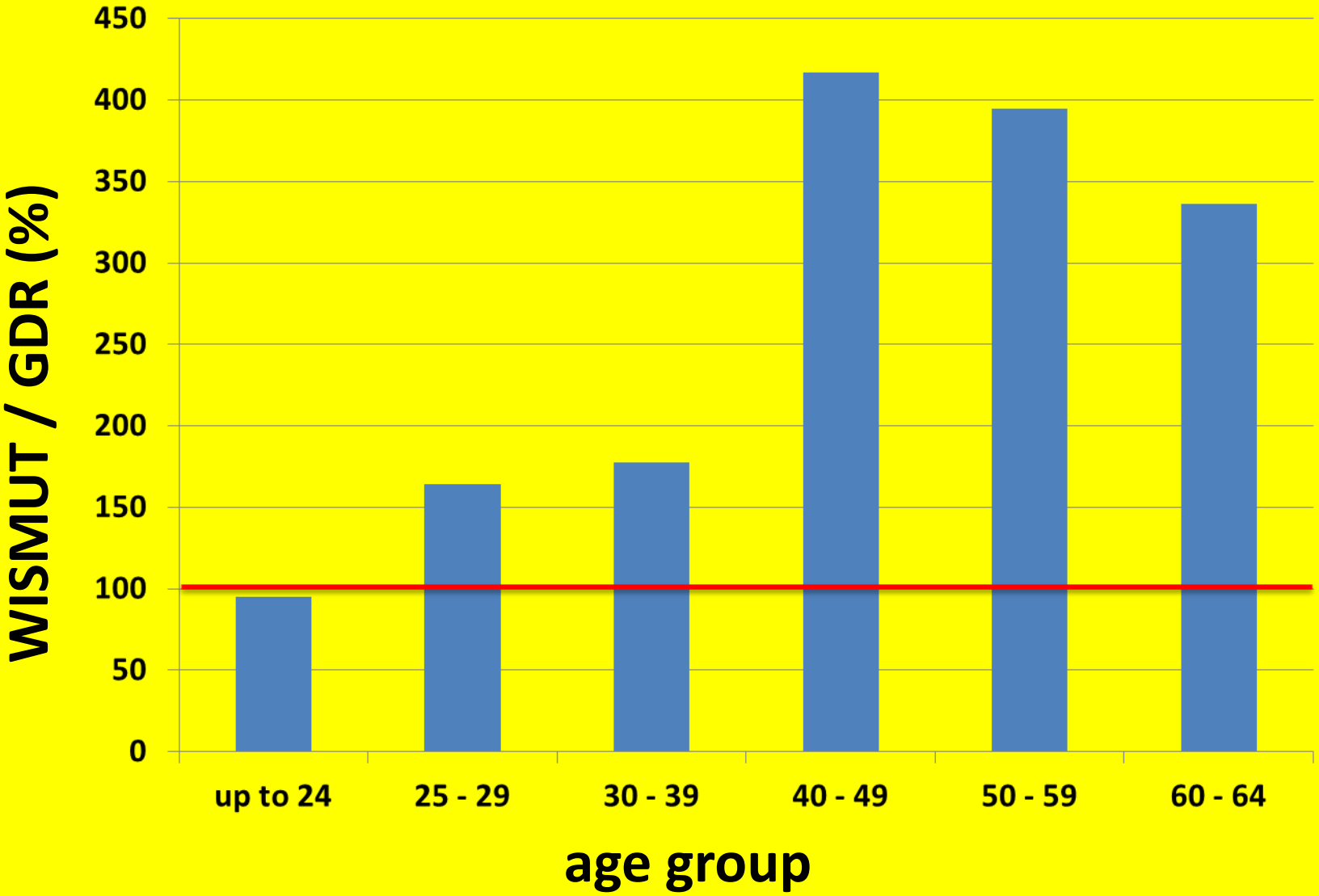
Pneumoconioses and other lung diseases due to external agents (500-508)



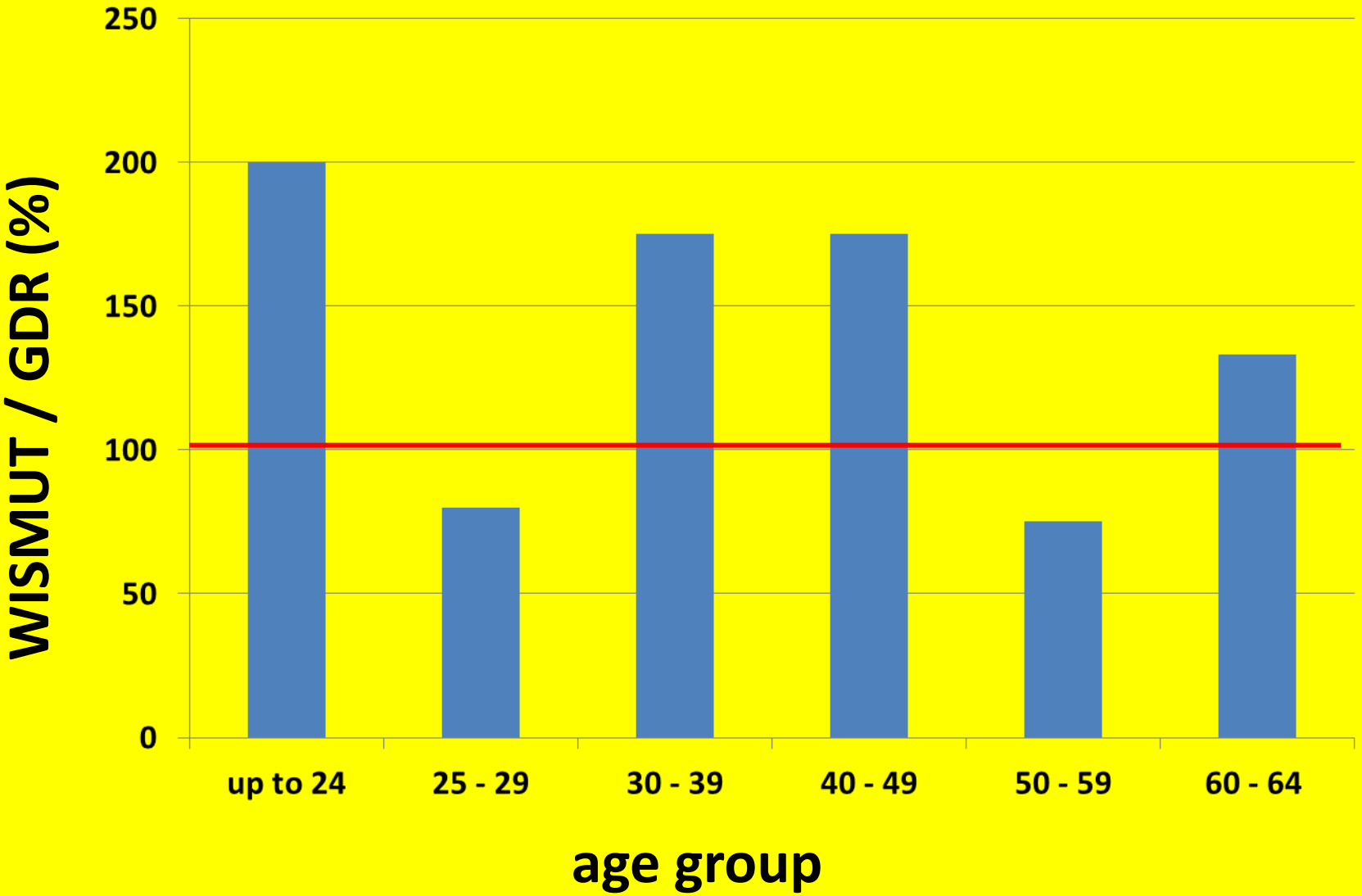
Pneumoconiosis due to other silica or silicates (502)



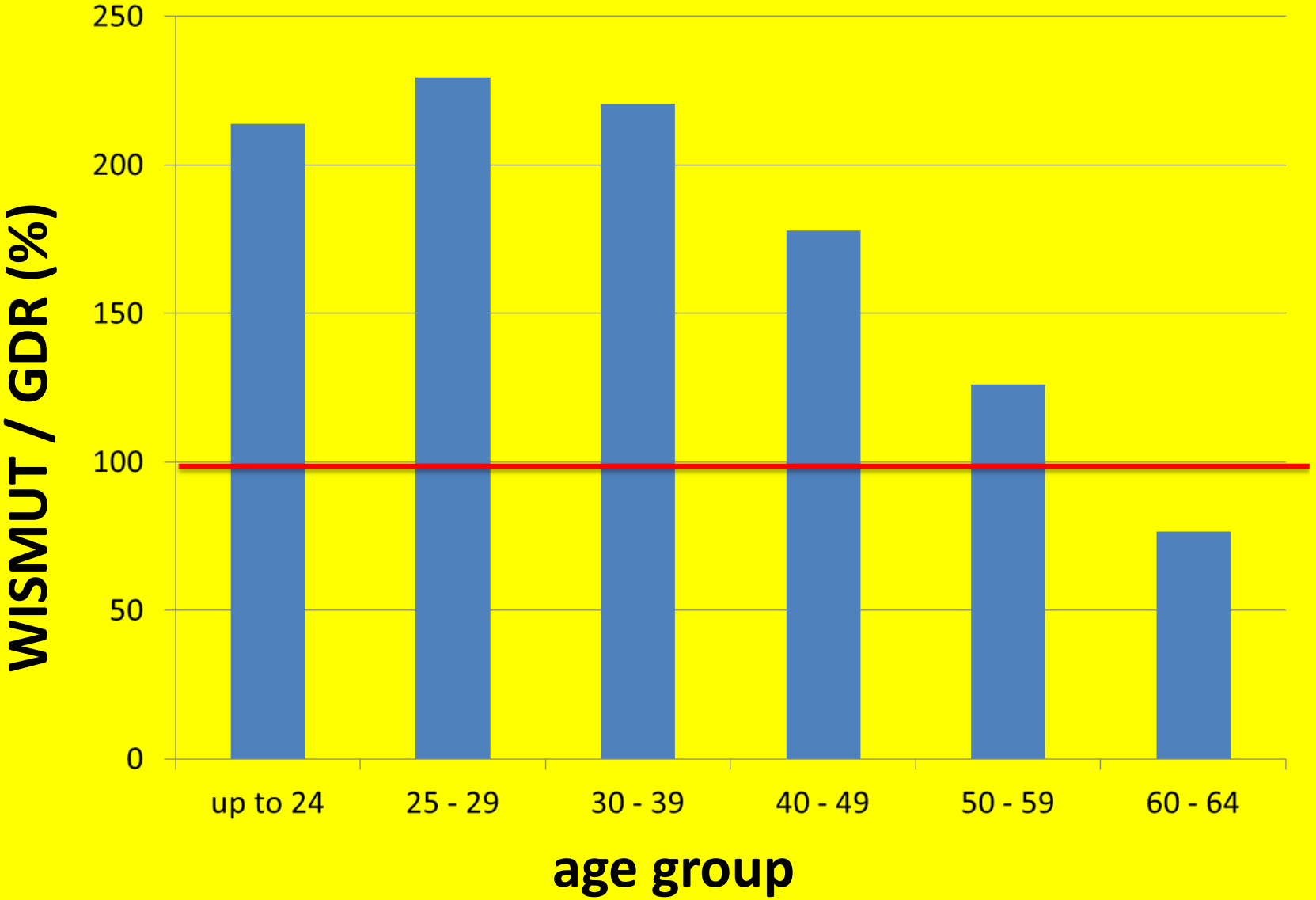
Other diseases of respiratory system (510-519)



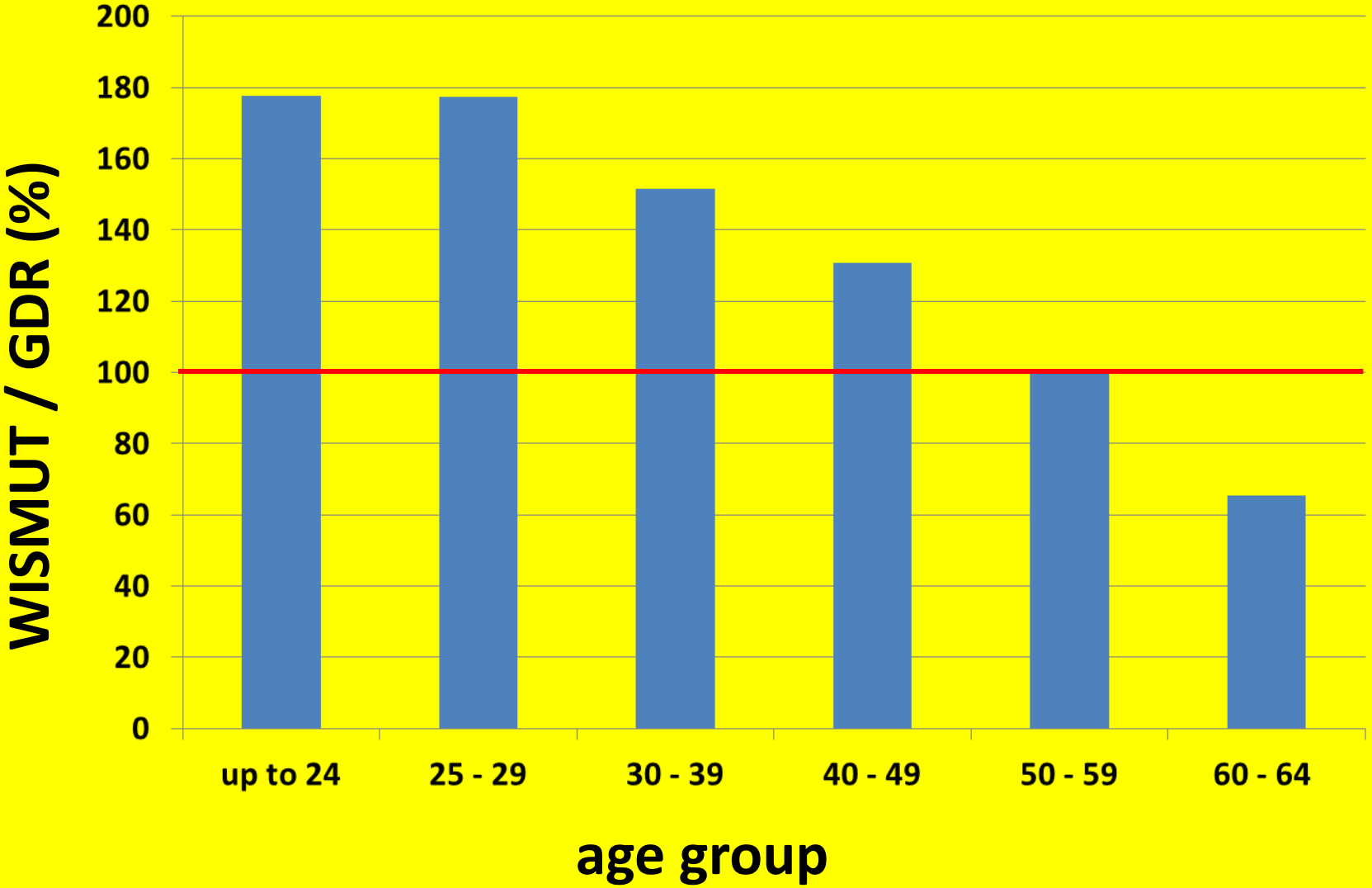
Diseases of hard tissues of teeth (521)



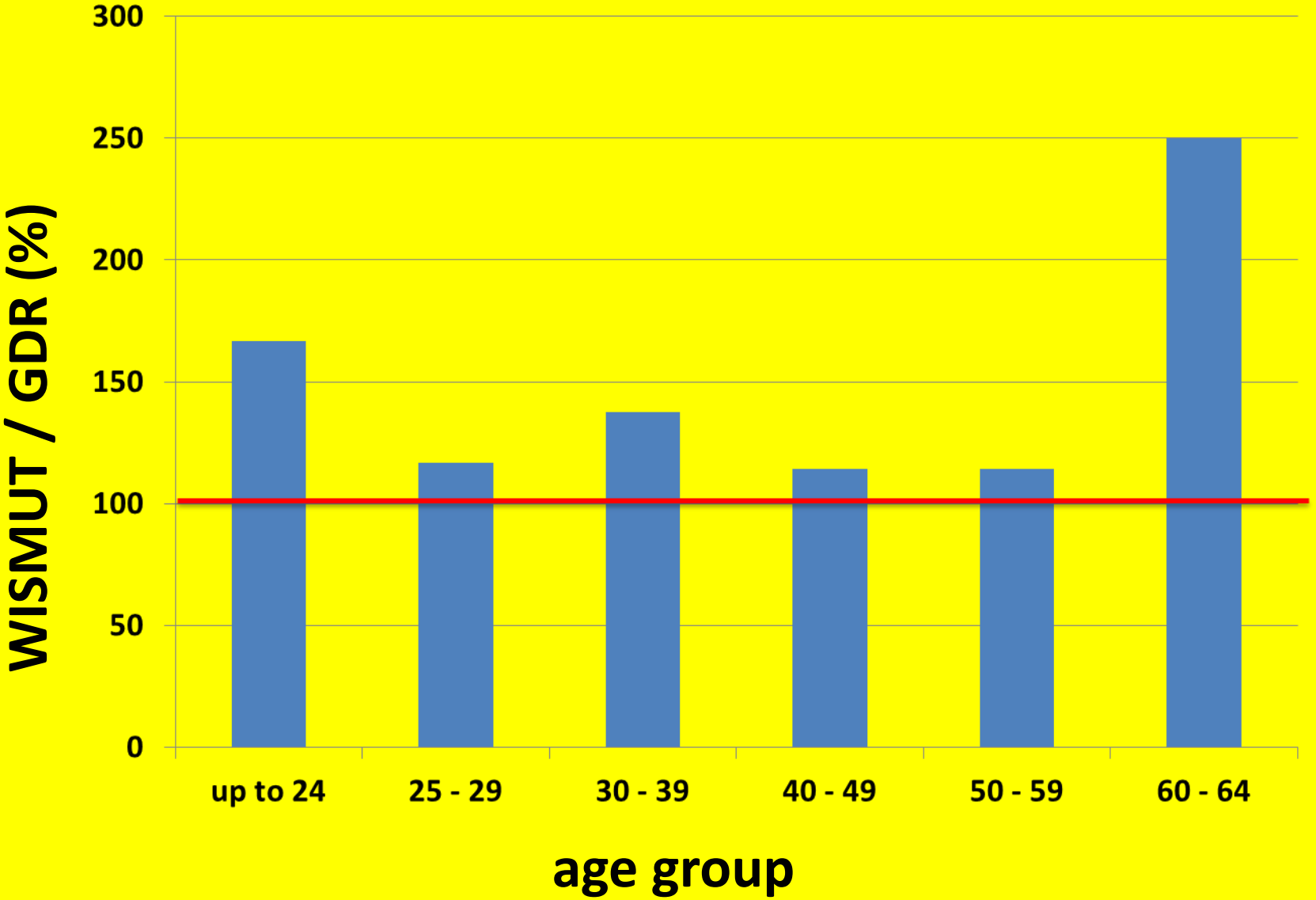
Gingival and peridontal diseases (523)



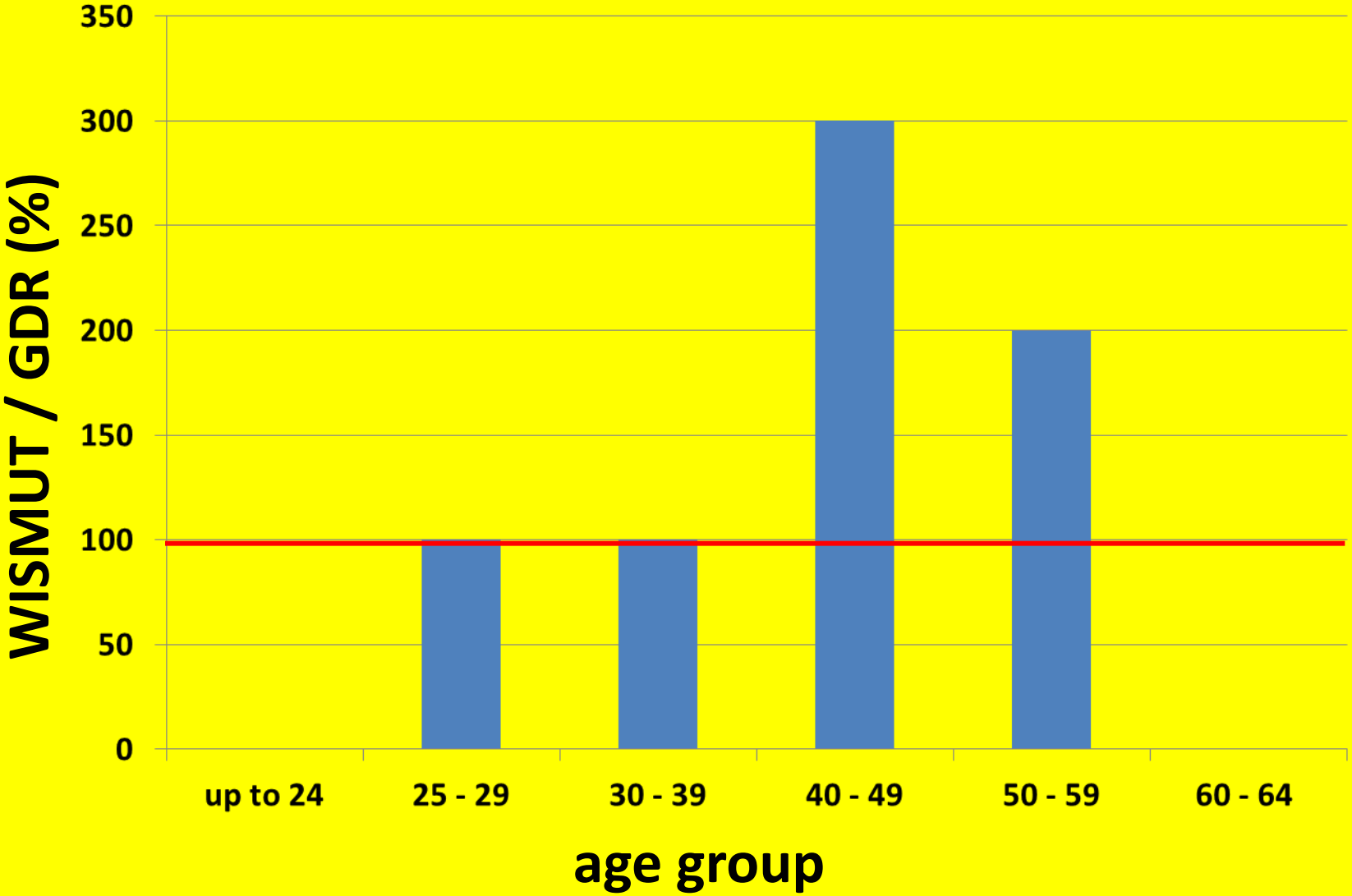
Diseases of the jaws (526)



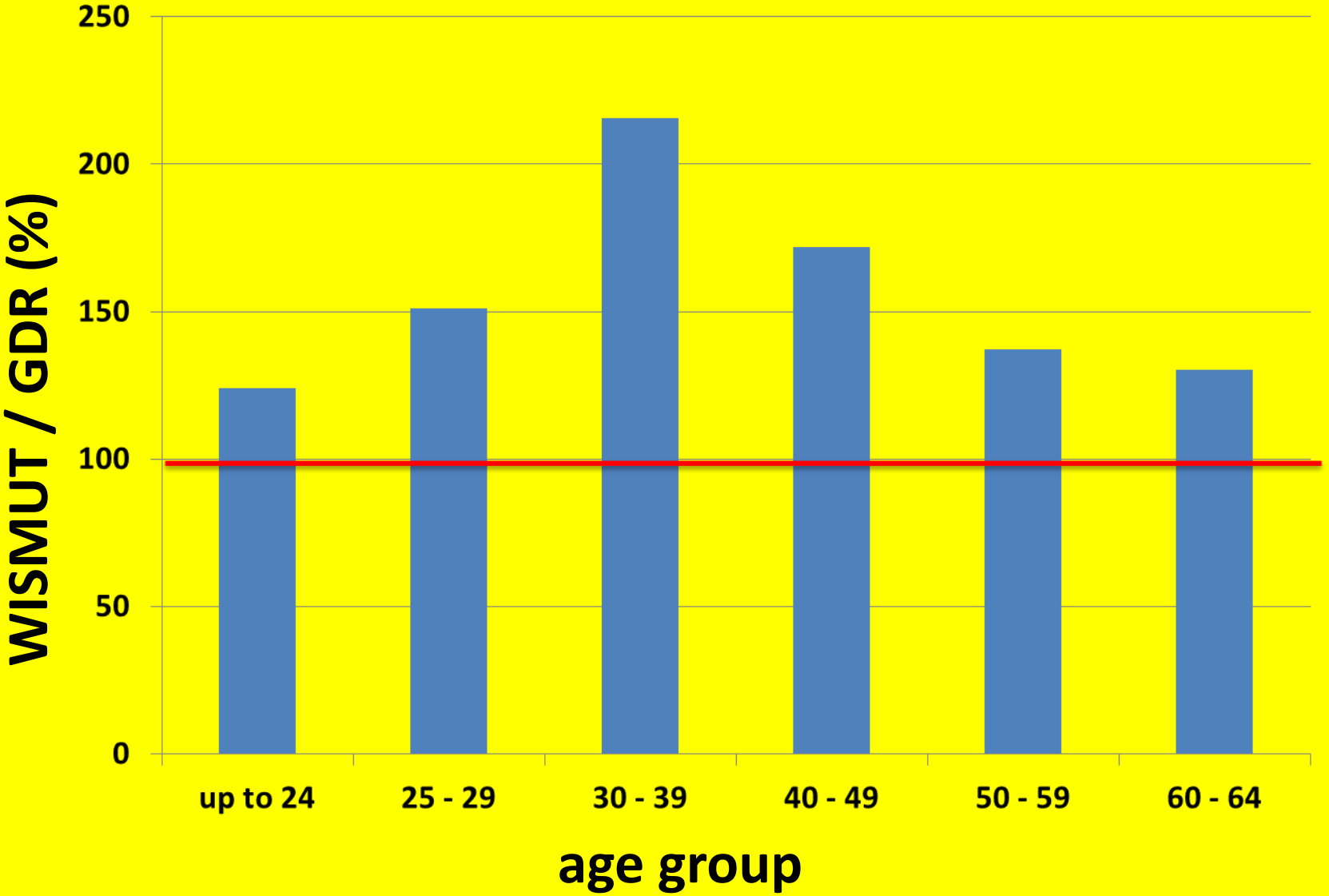
Diseases of the salivary glands (527)



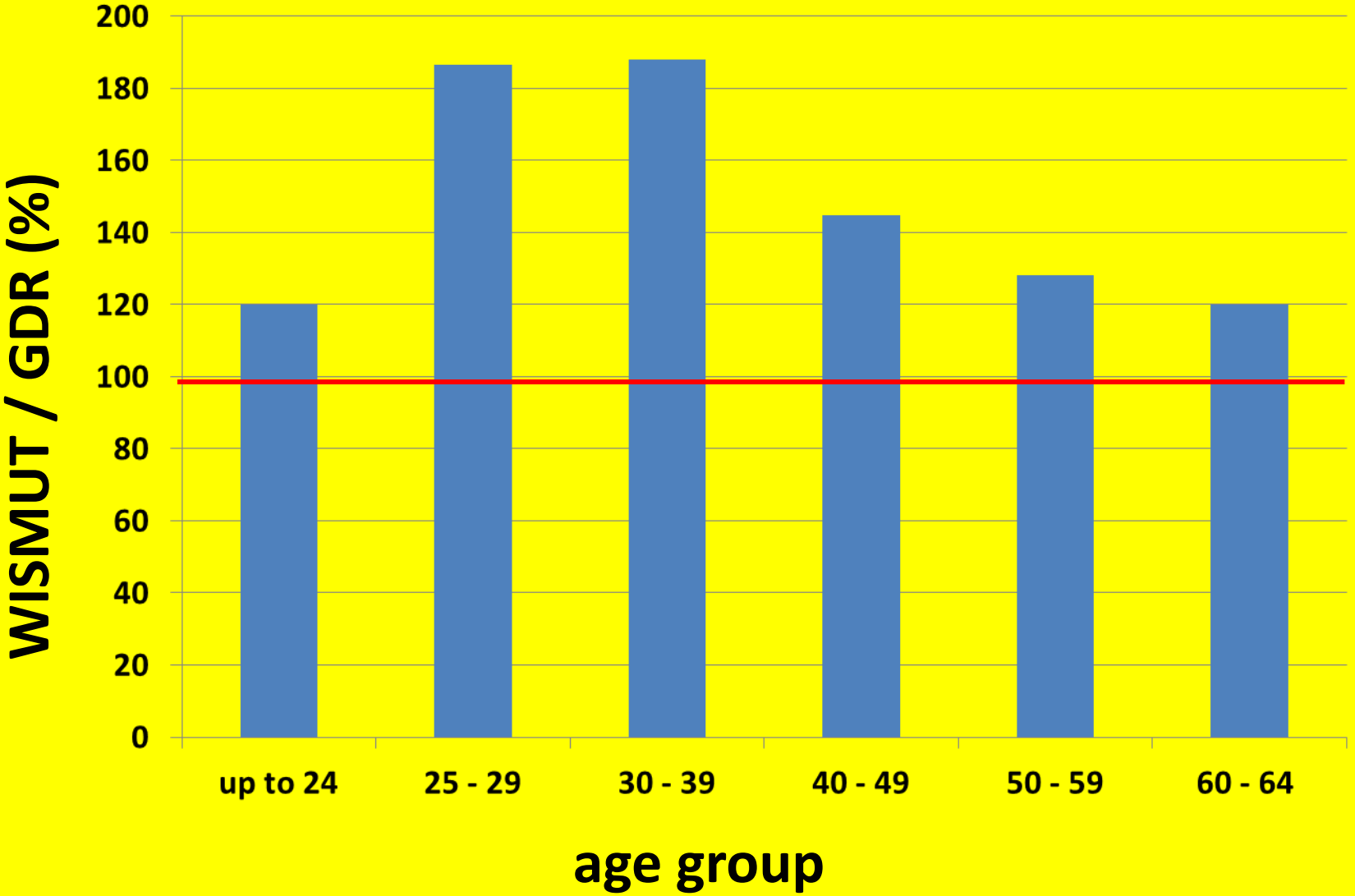
Diseases and other conditions of the tongue (529)



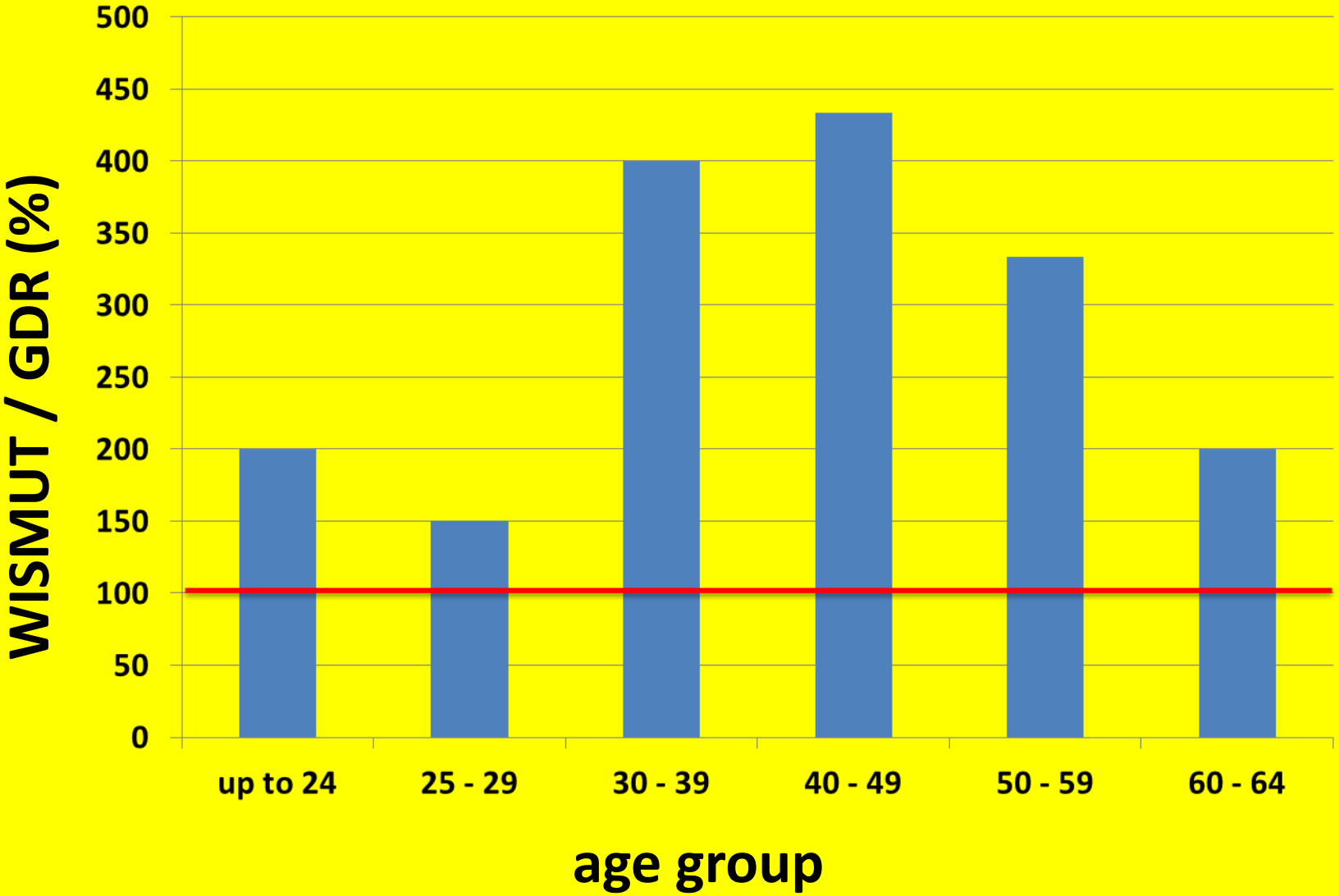
Liver diseases (570-573)



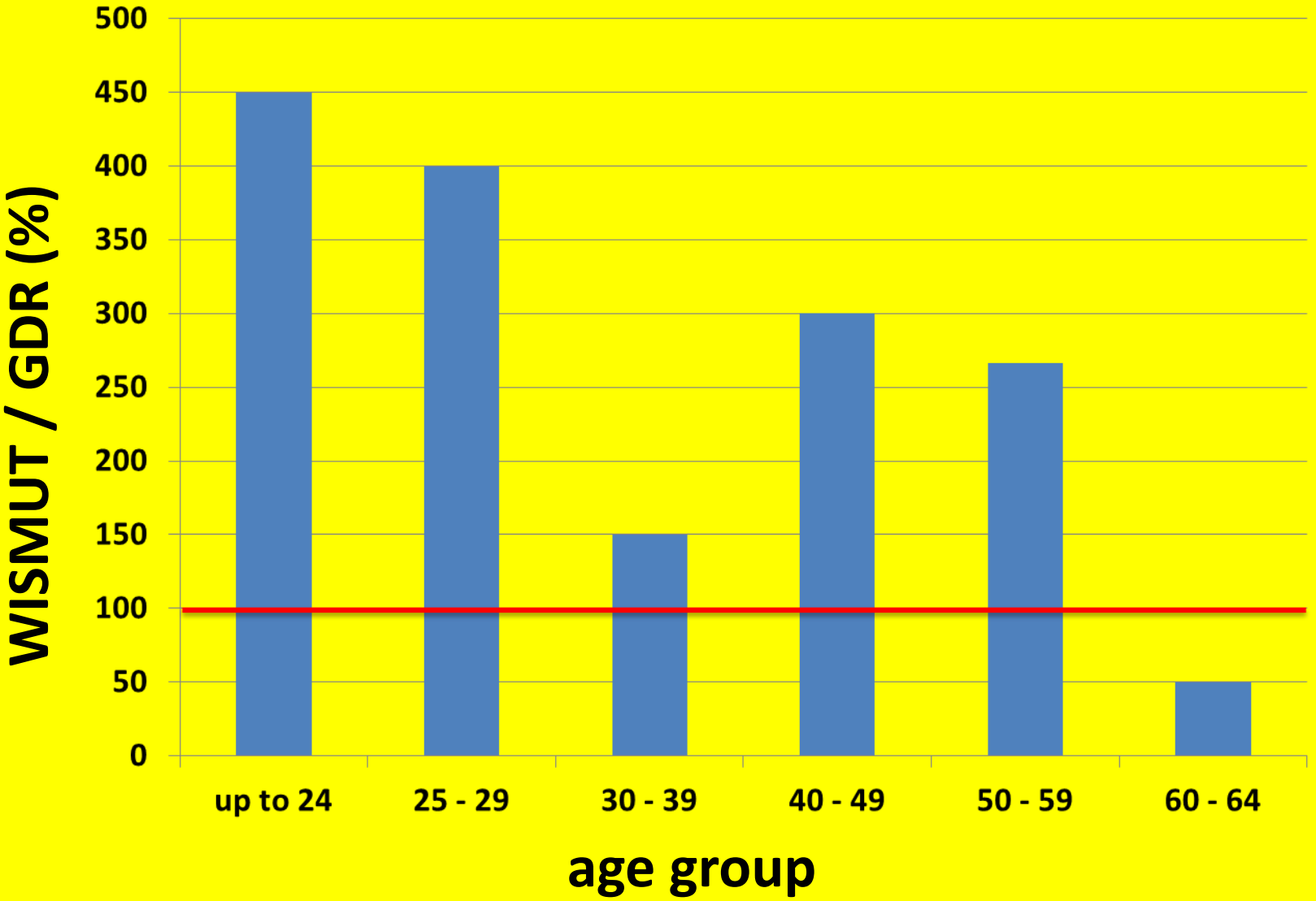
Chronic liver disease and cirrhosis (571)



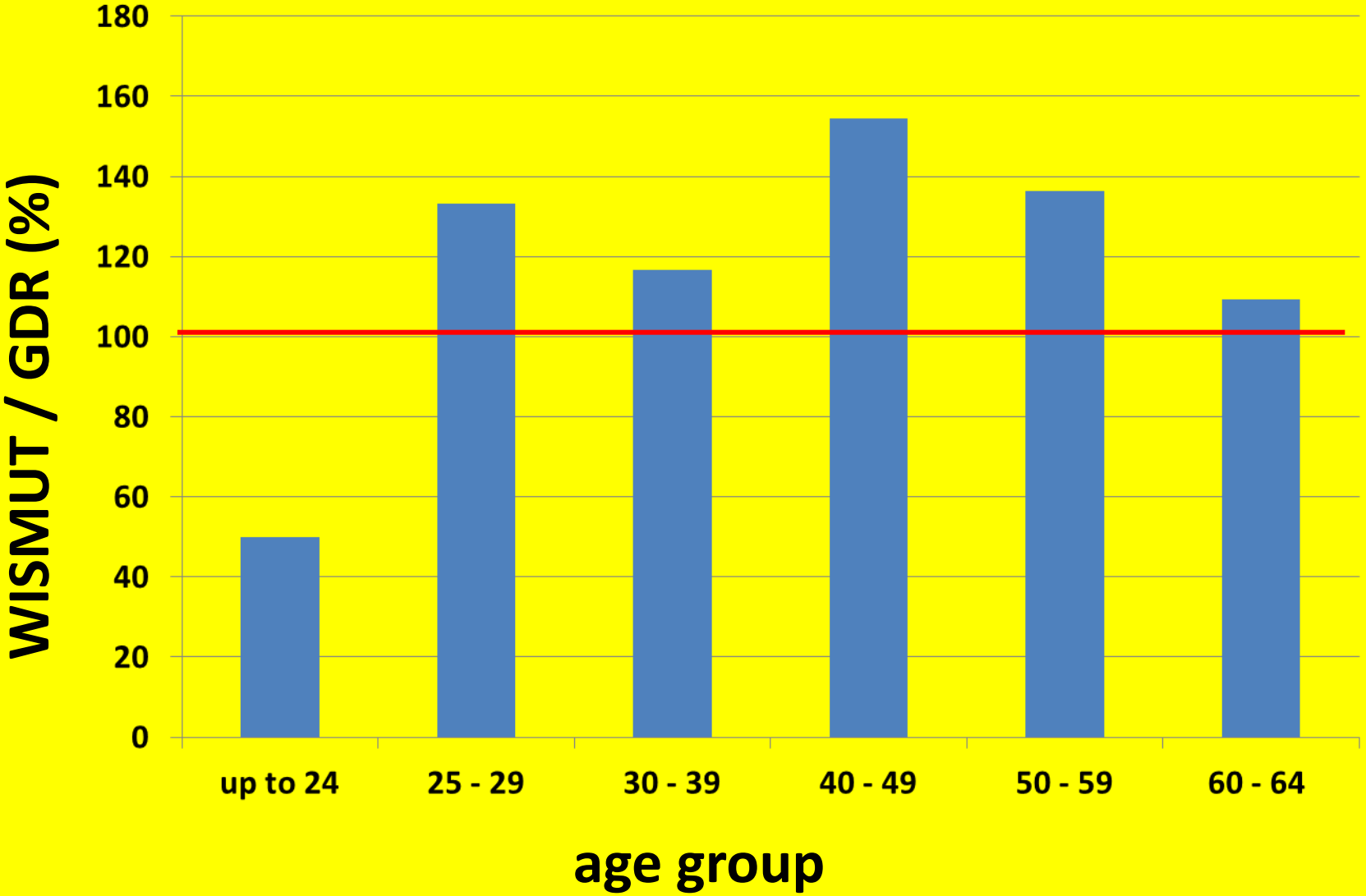
Other disorders of liver (573)



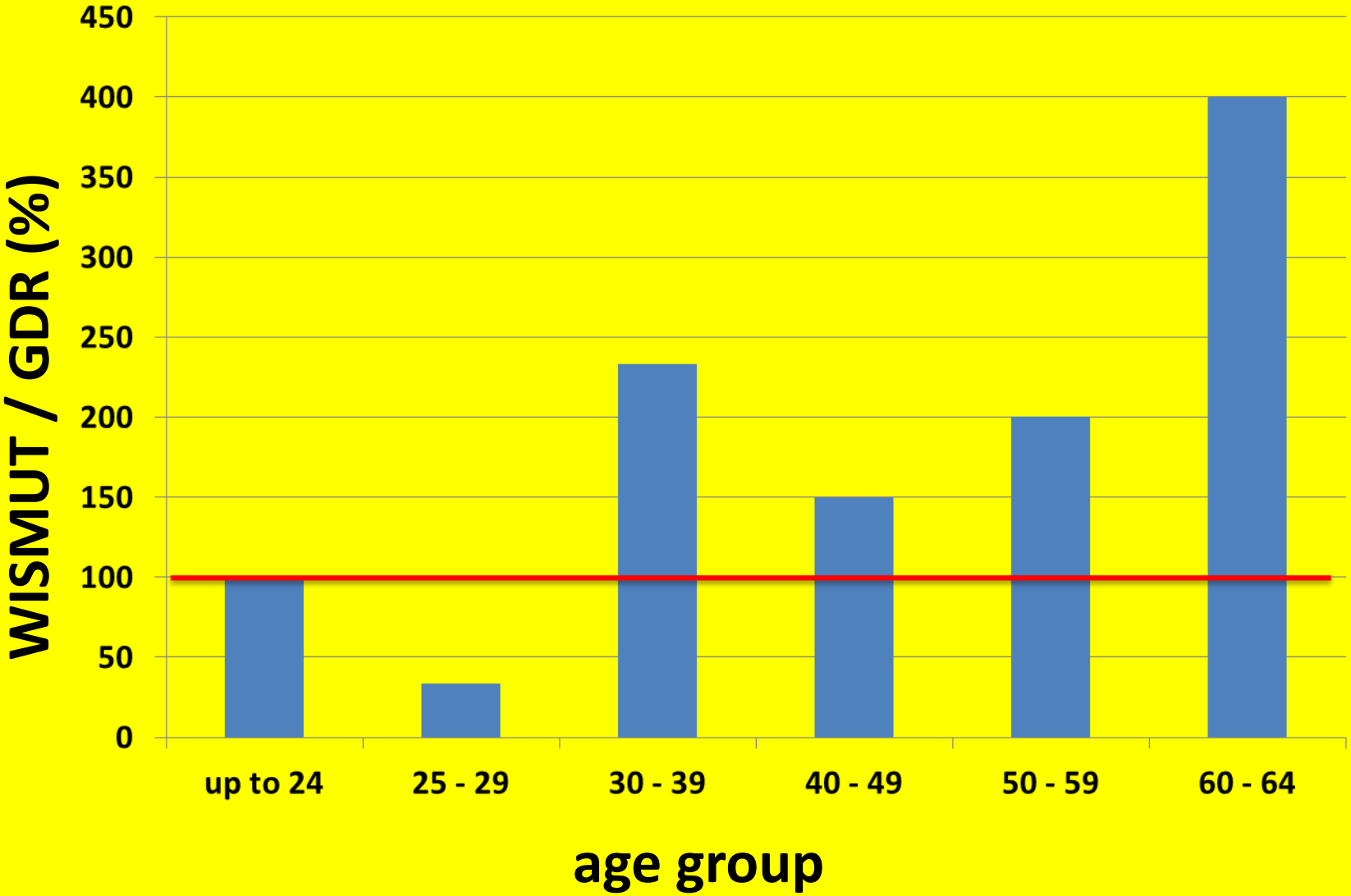
Other disorders of kidney and ureter (593)



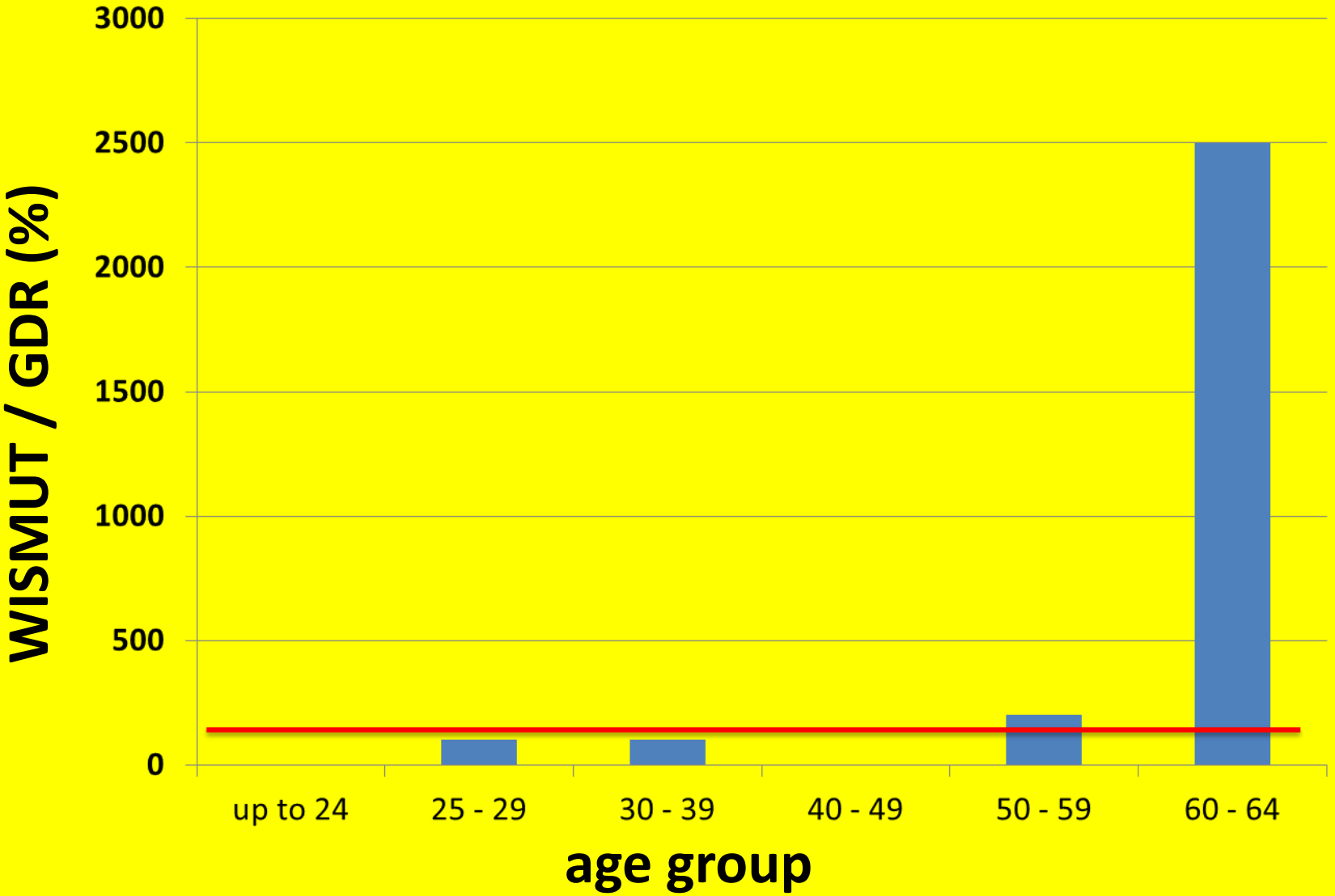
Prostata disorders (600-602)



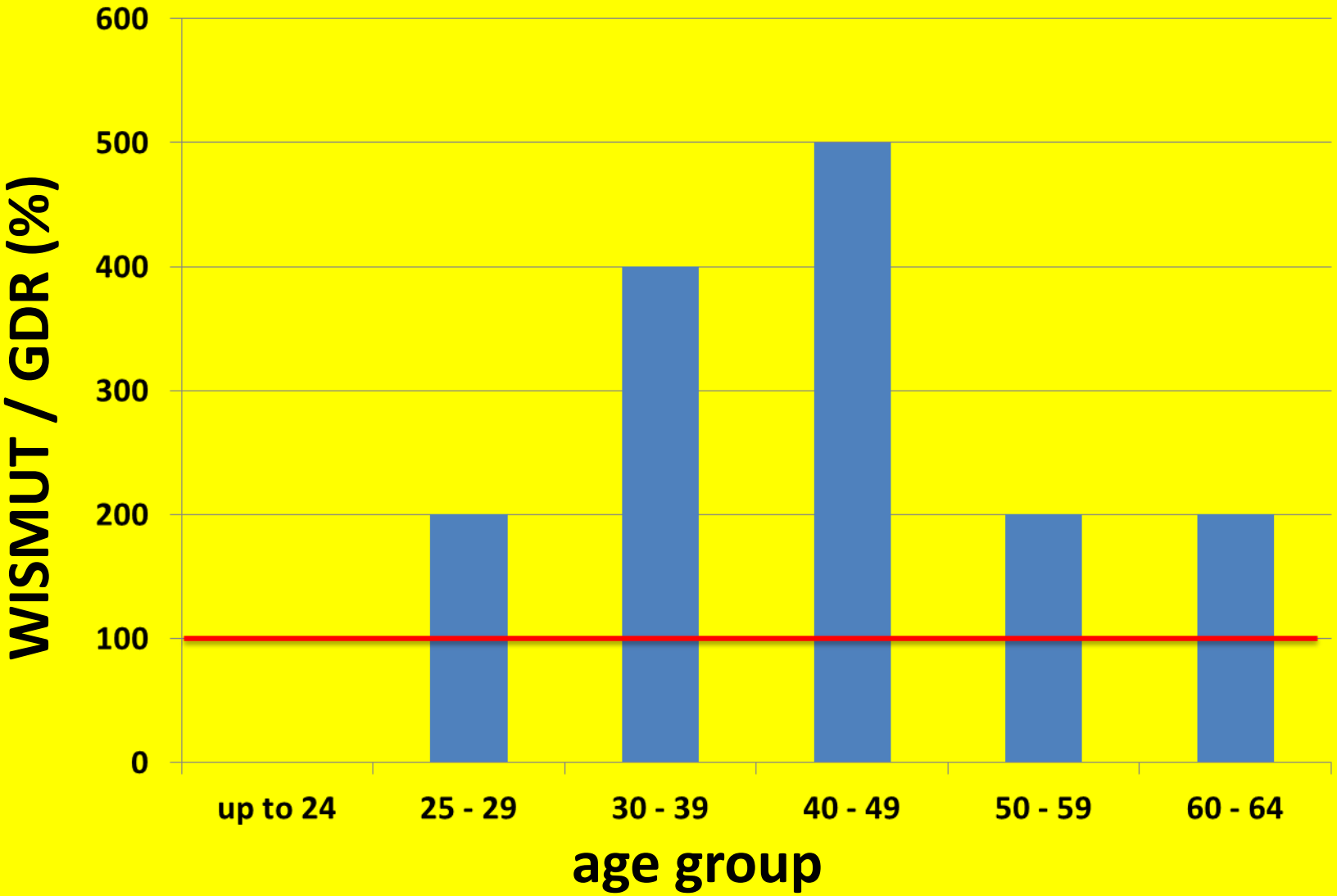
Erythematosquamous dermatosis (690)



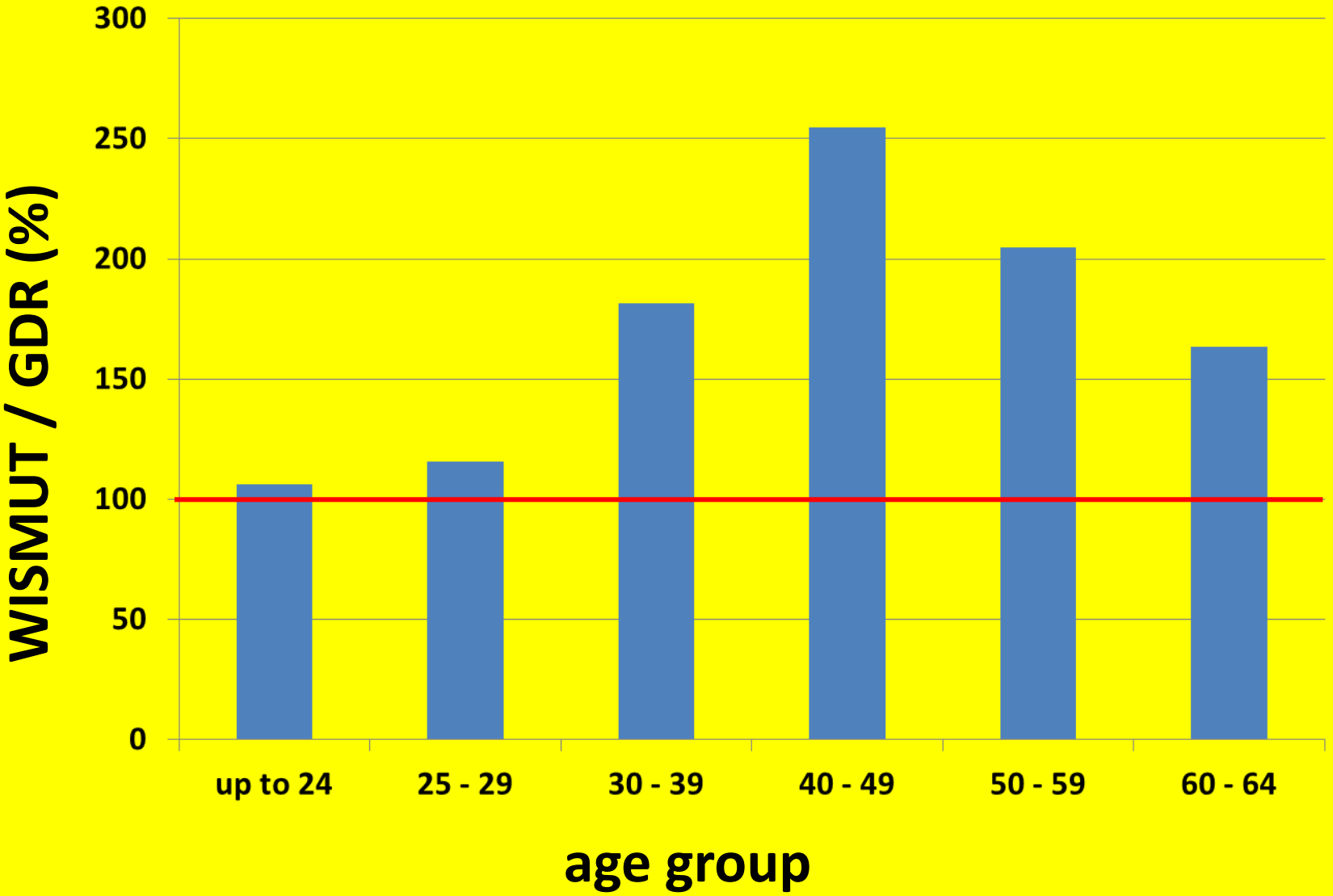
Bullous dermatoses (694)



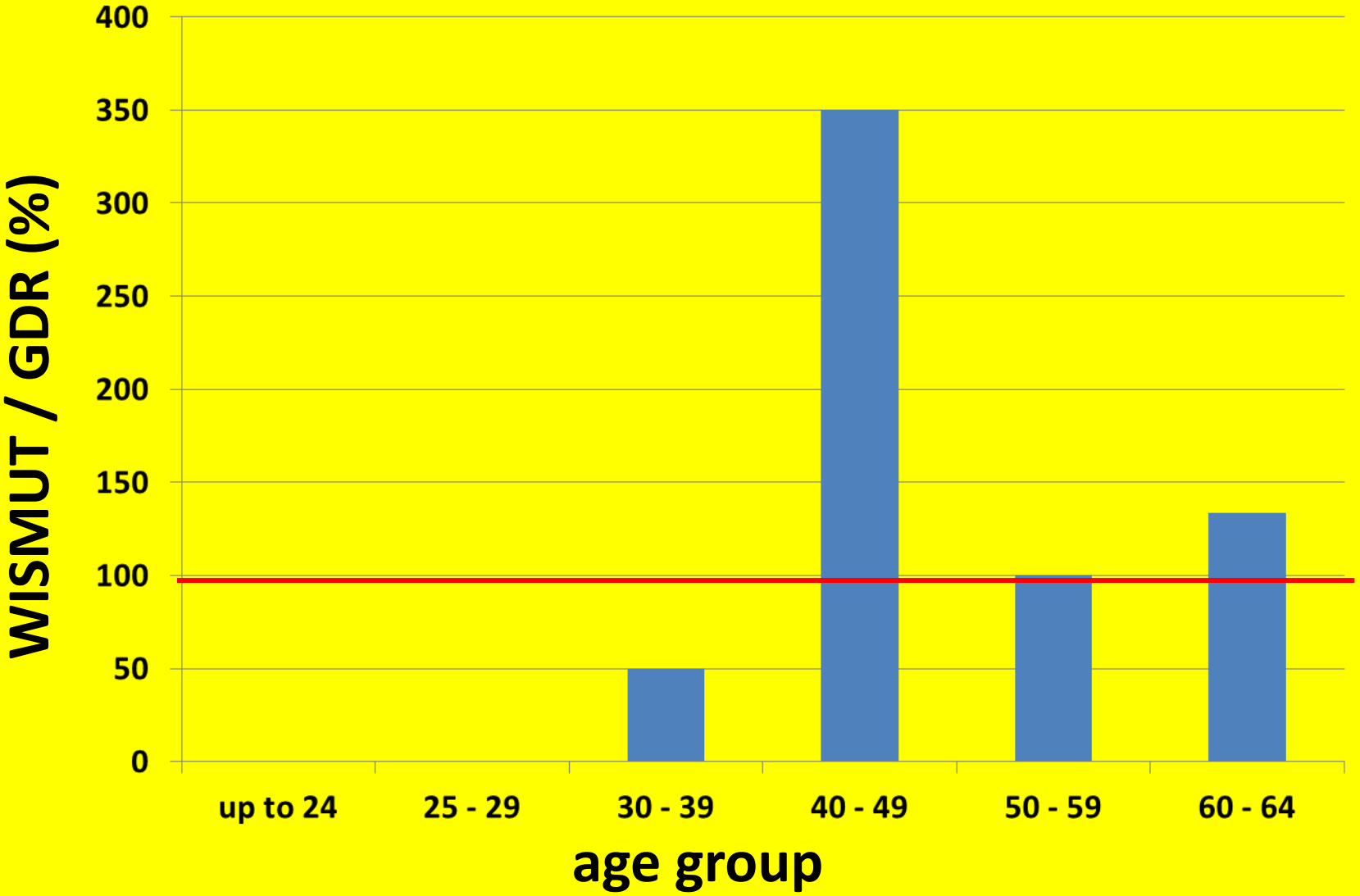
Lichen (697)


WISMUT / GDR (%)
600
500
400
300
200
100
0
up to 24
25 - 29
30 - 39
40 - 49
50 - 59
60 - 64
age group

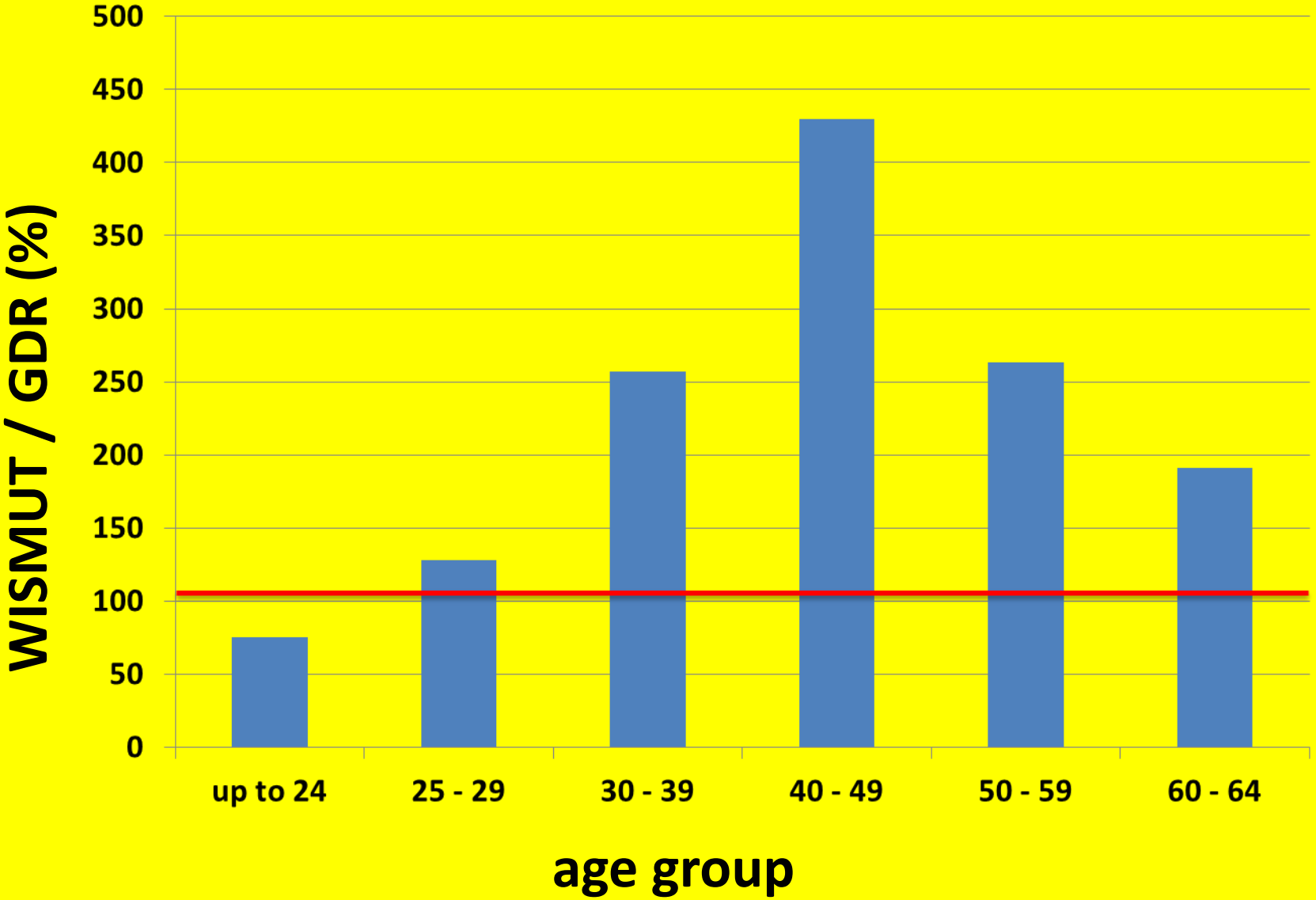
Arthropathies and related disorders (710-719)



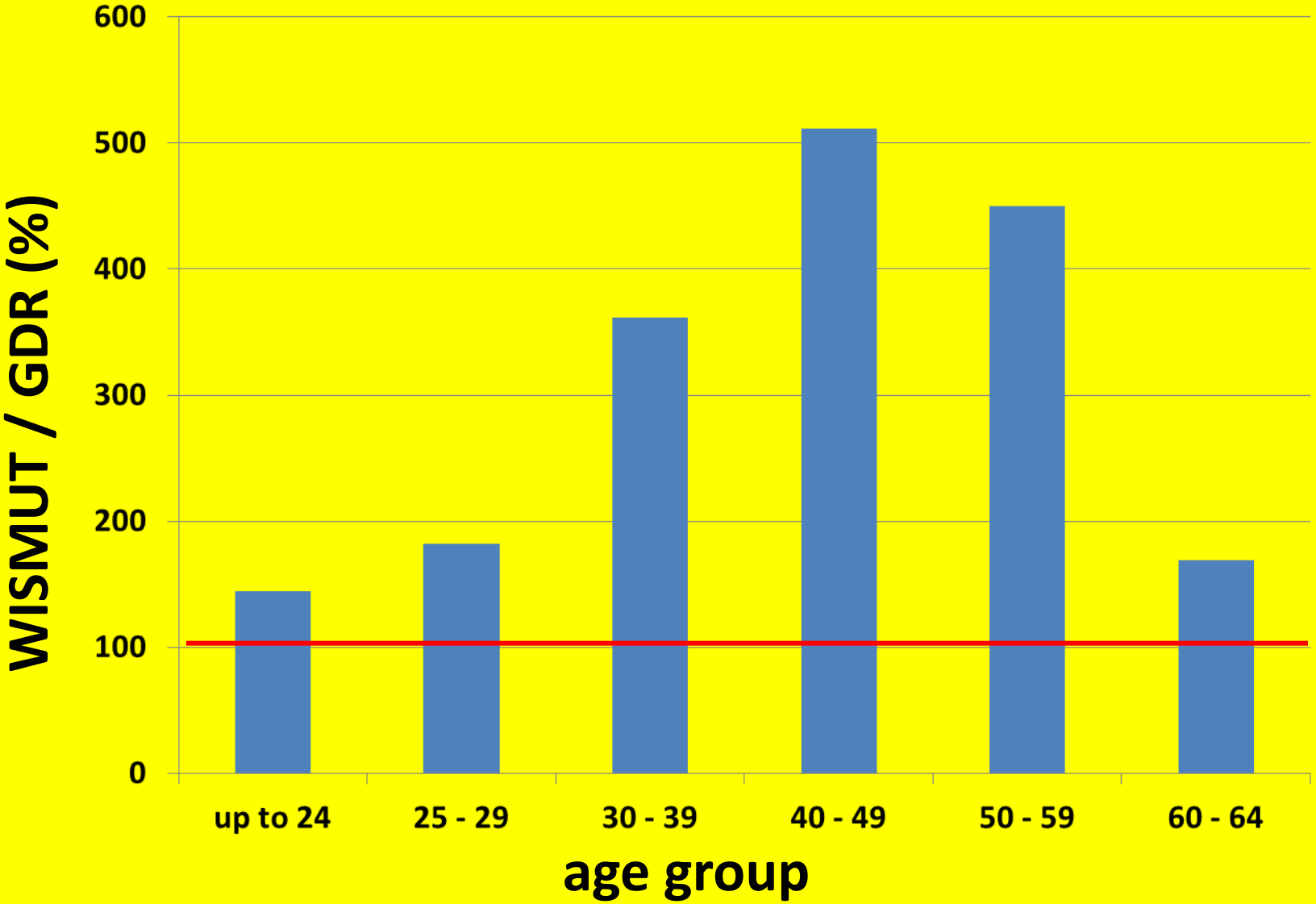
Diffuse diseases of connective tissue (710)



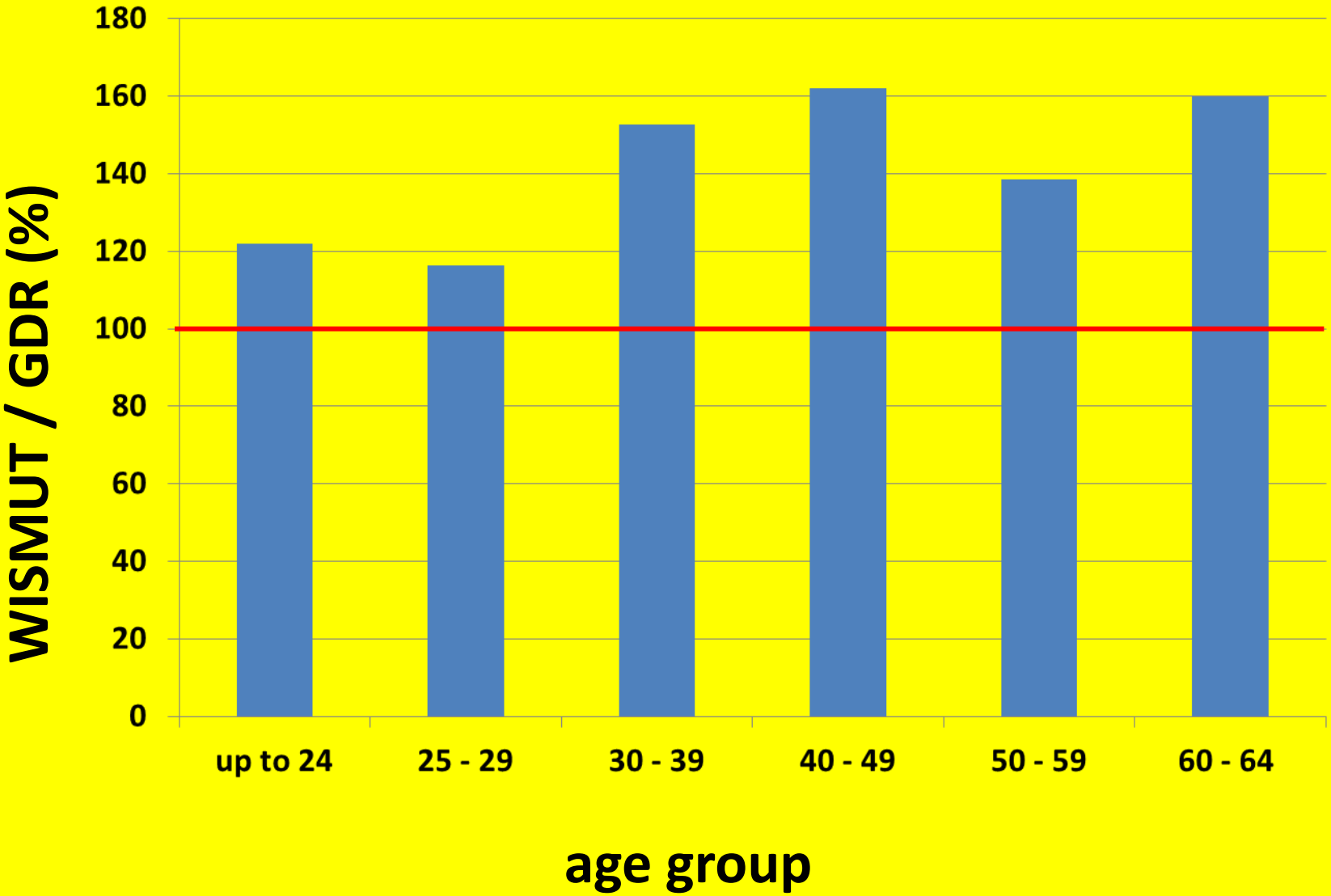
Osteoathrosis and allied disorders (715)



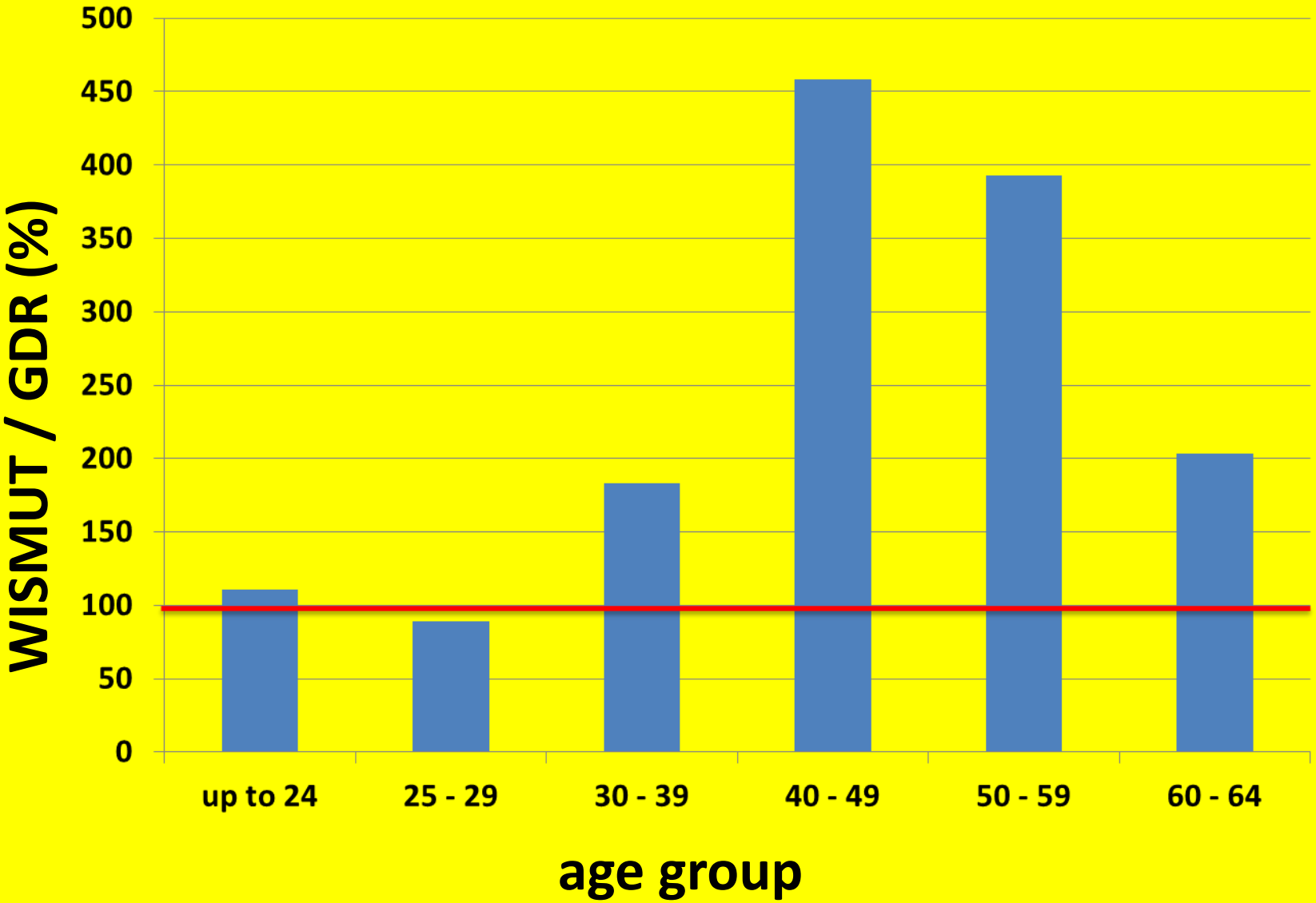
Other and unspecified arthropathies (716)



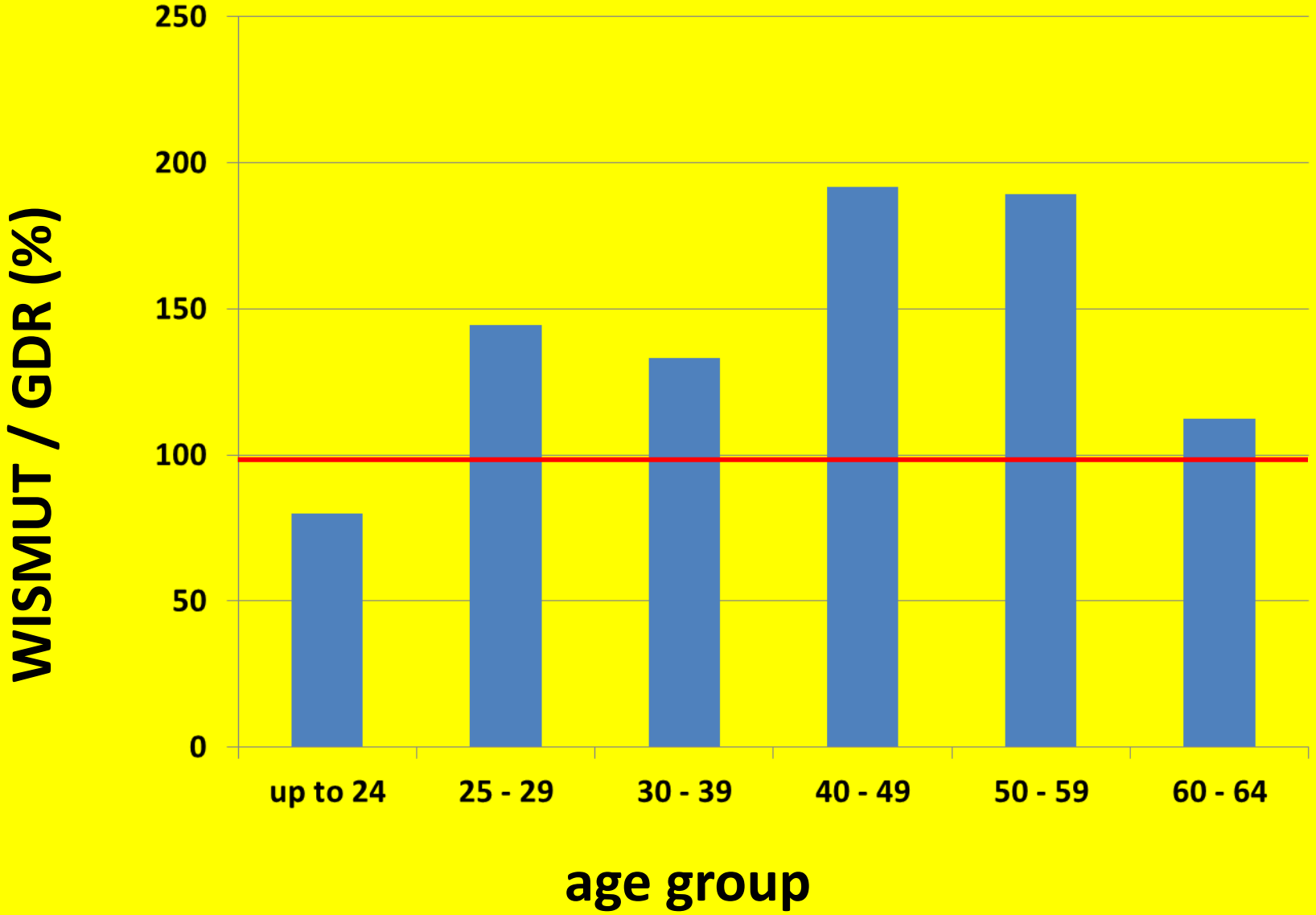
Internal derangement of knee (717)



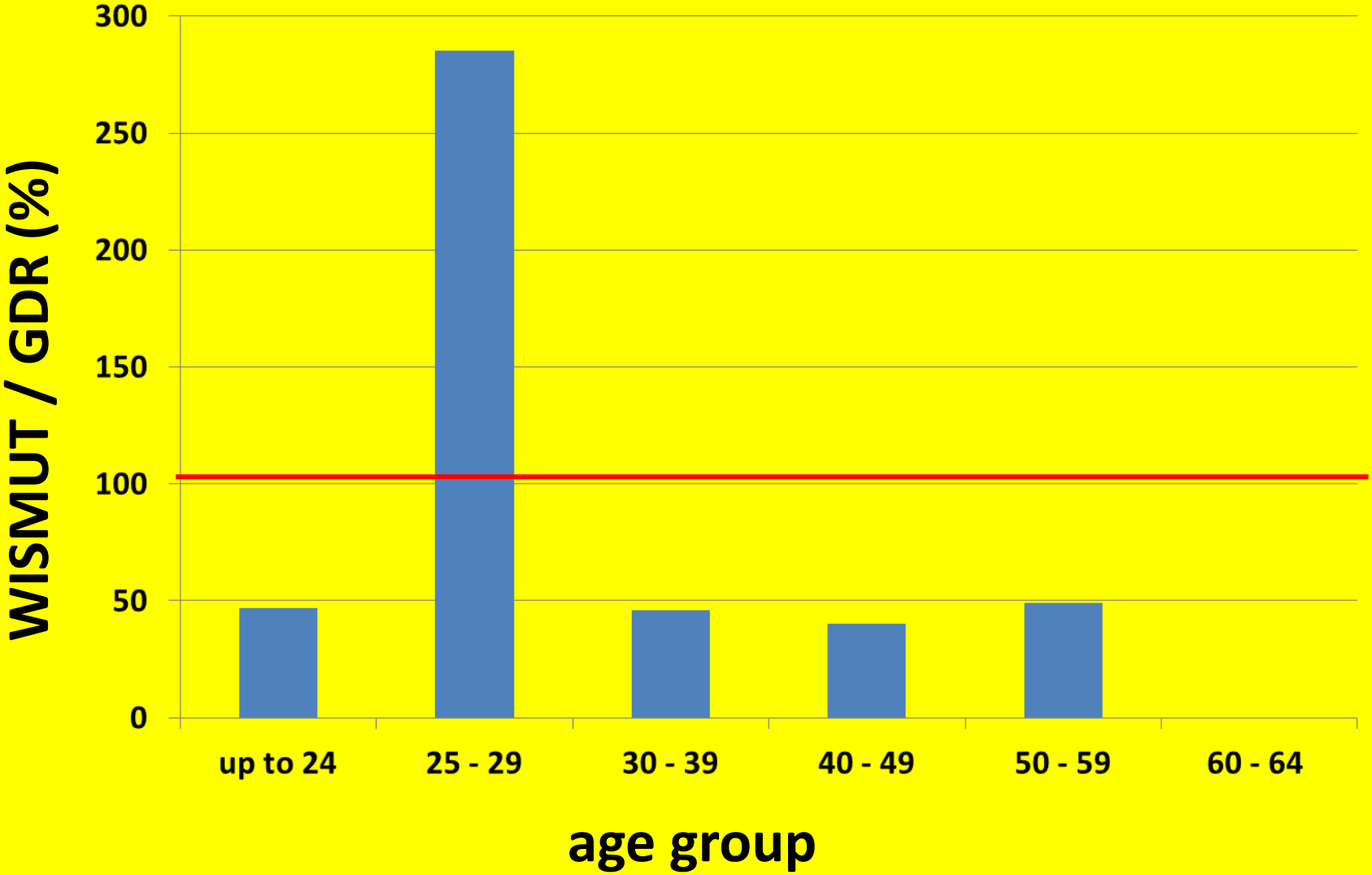
Other derangement of joint (718)



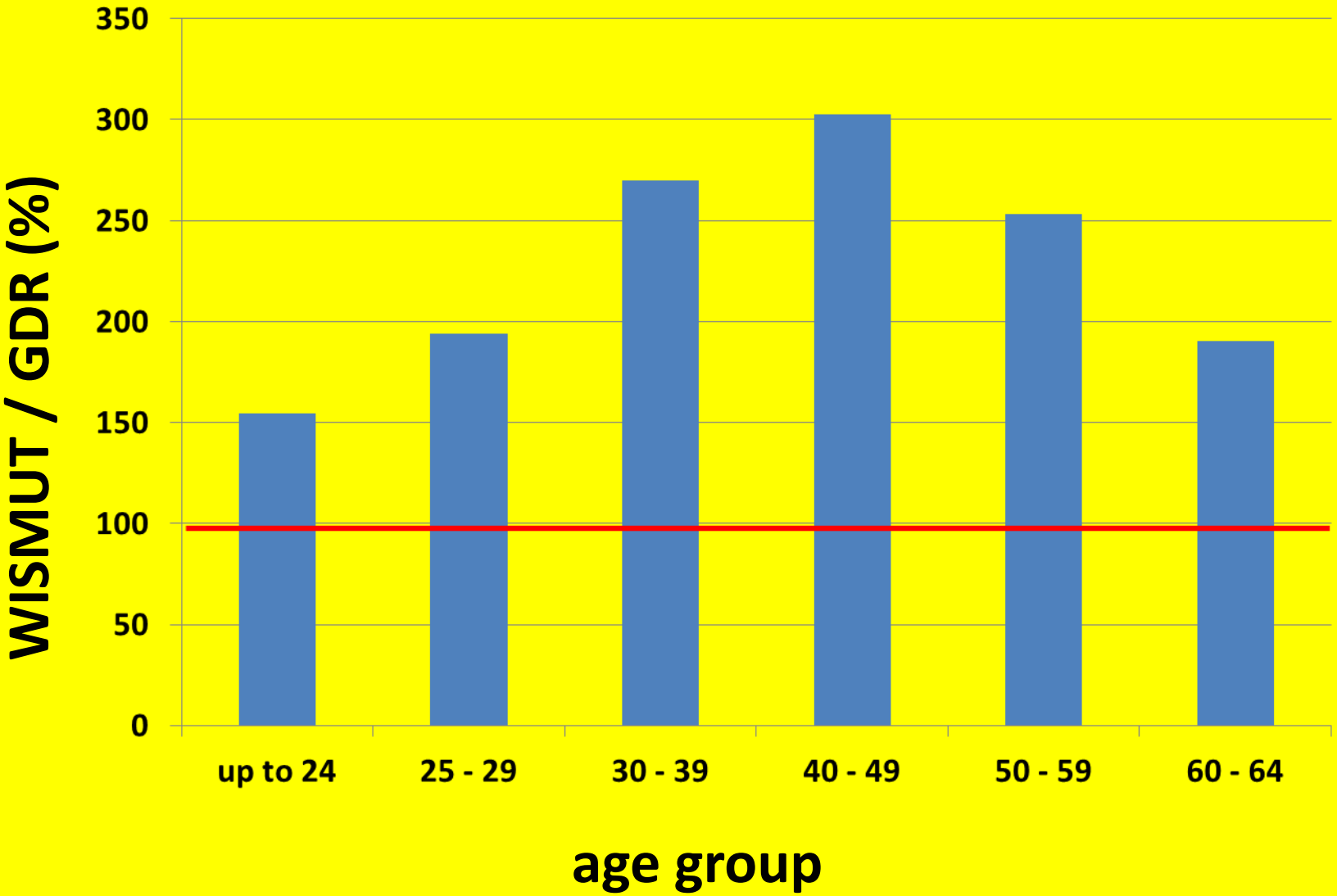
Other and unspecified disorders of joint (719)



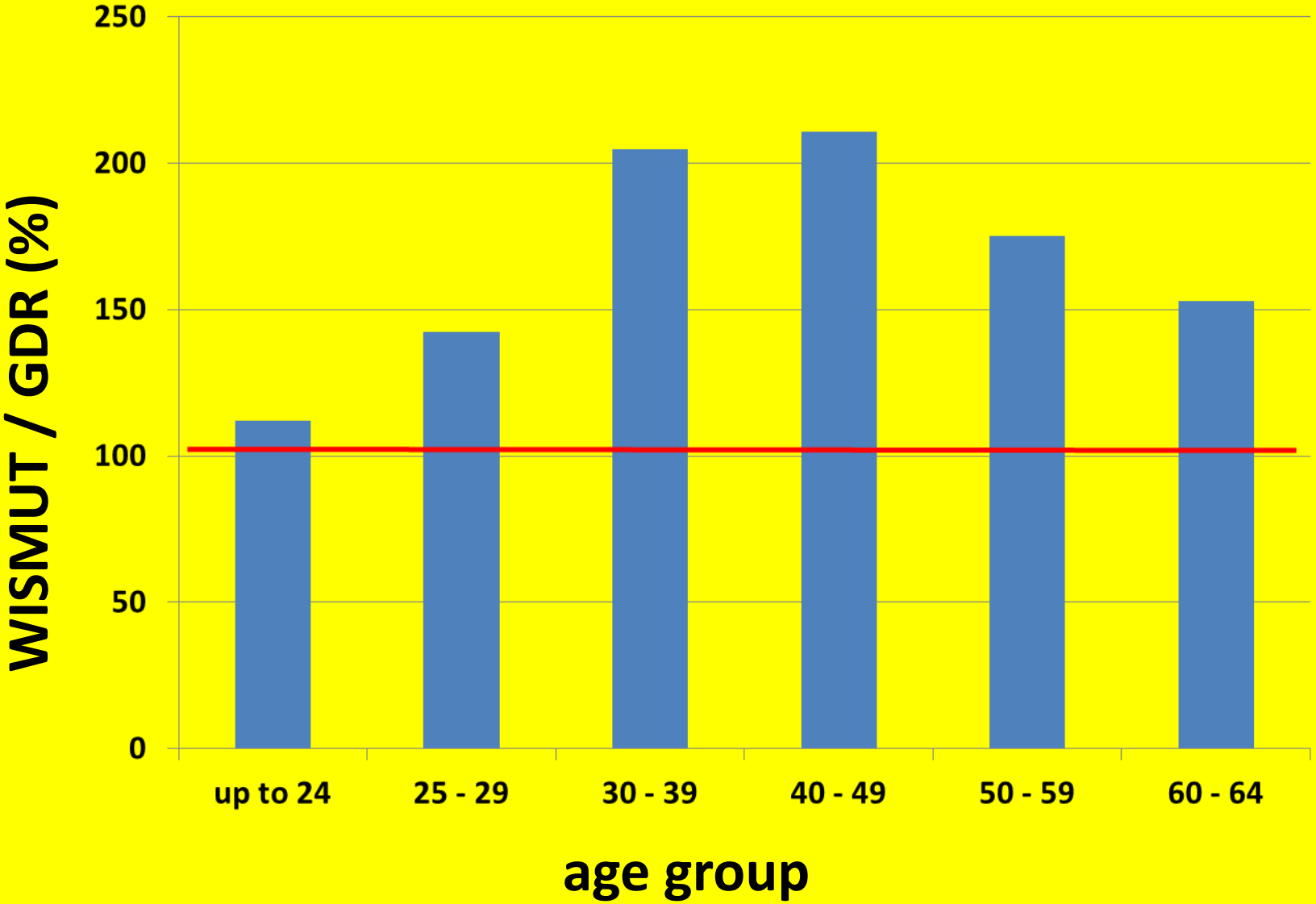
Ankylosing spondylitis and other inflammatory spondylopathies (720)



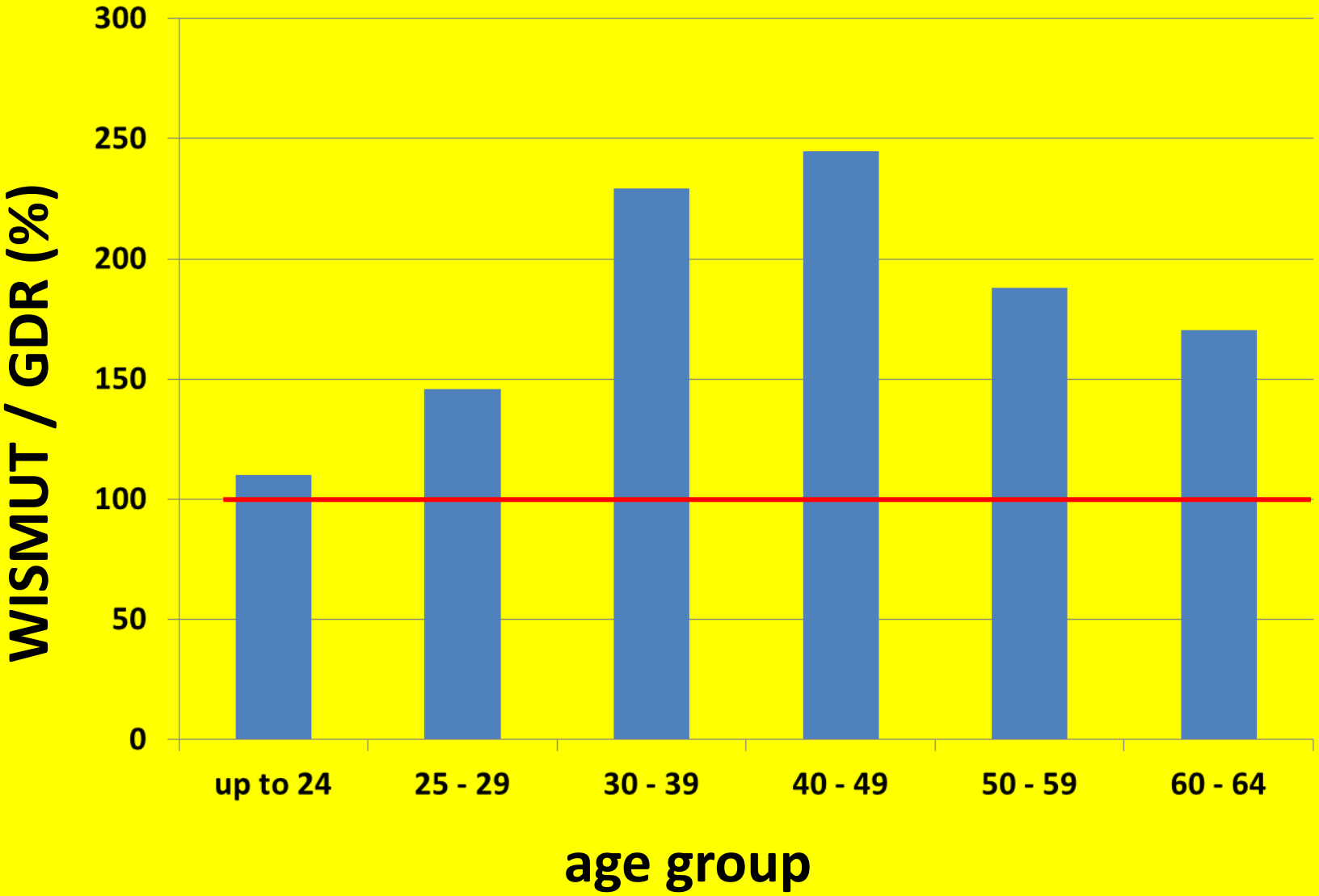
Intervertebral disc disorders (722)



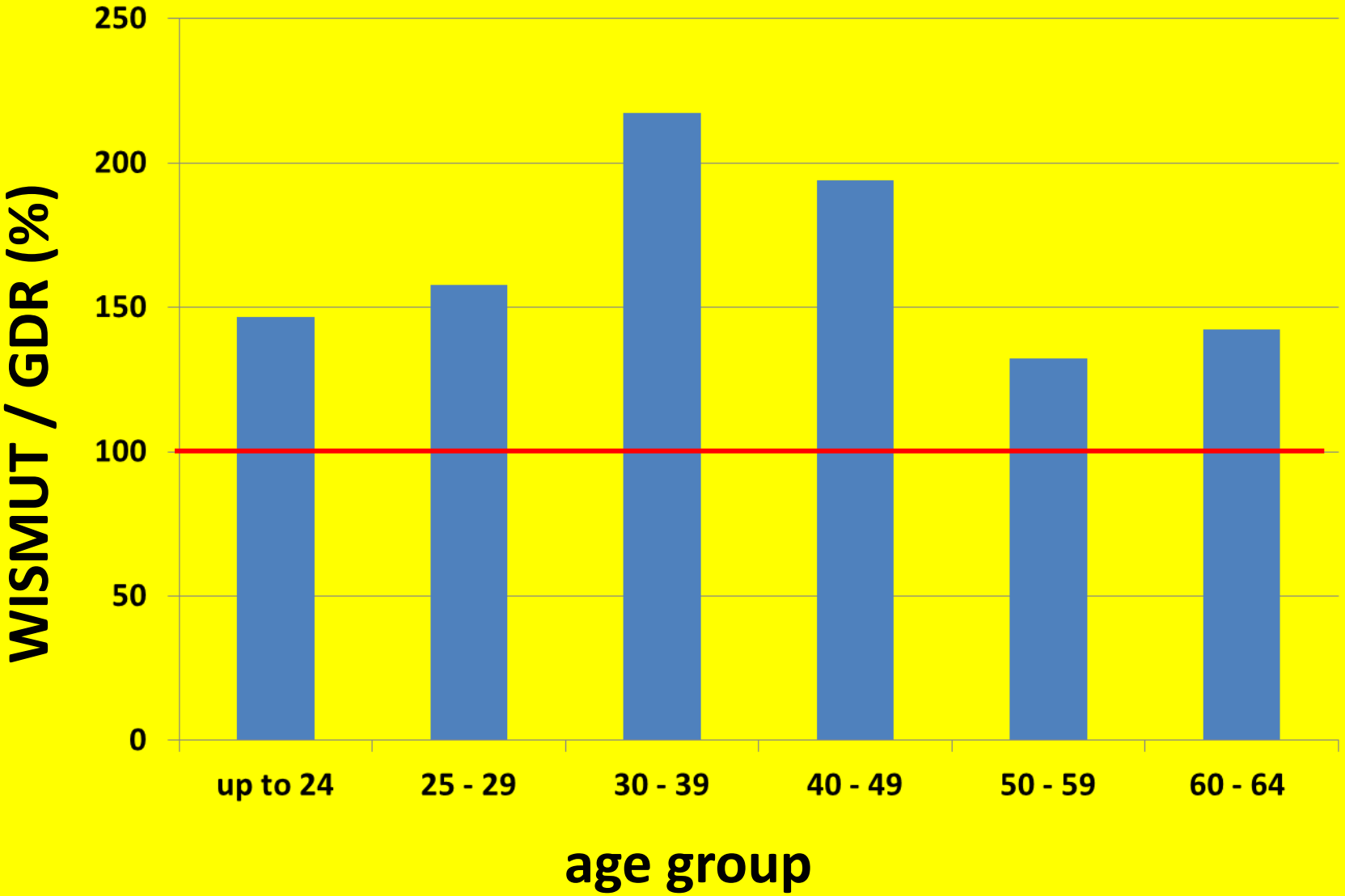
Other disorders of cervical region (723)



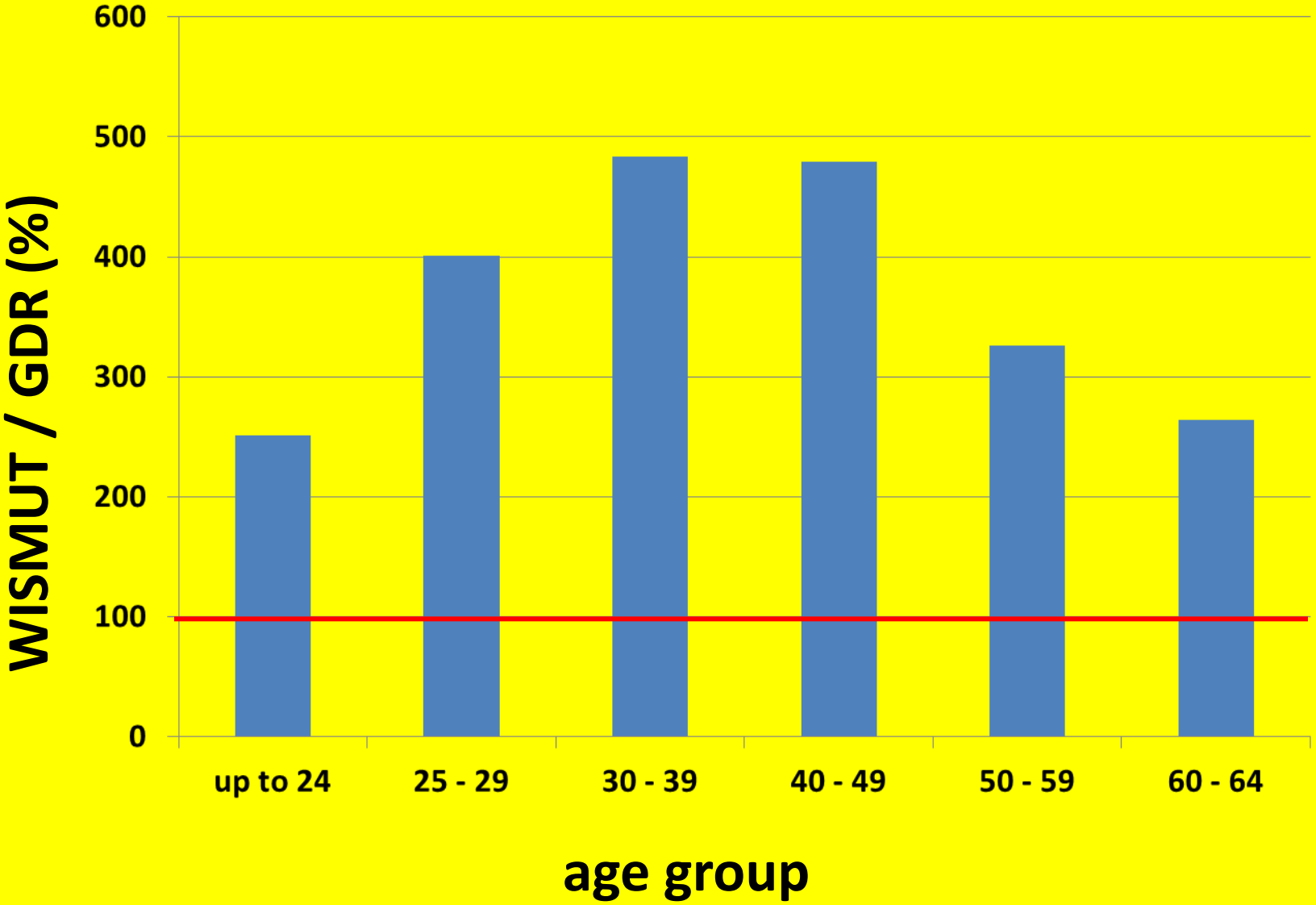
Peripheral enthesiopathies and allied syndromes (726)



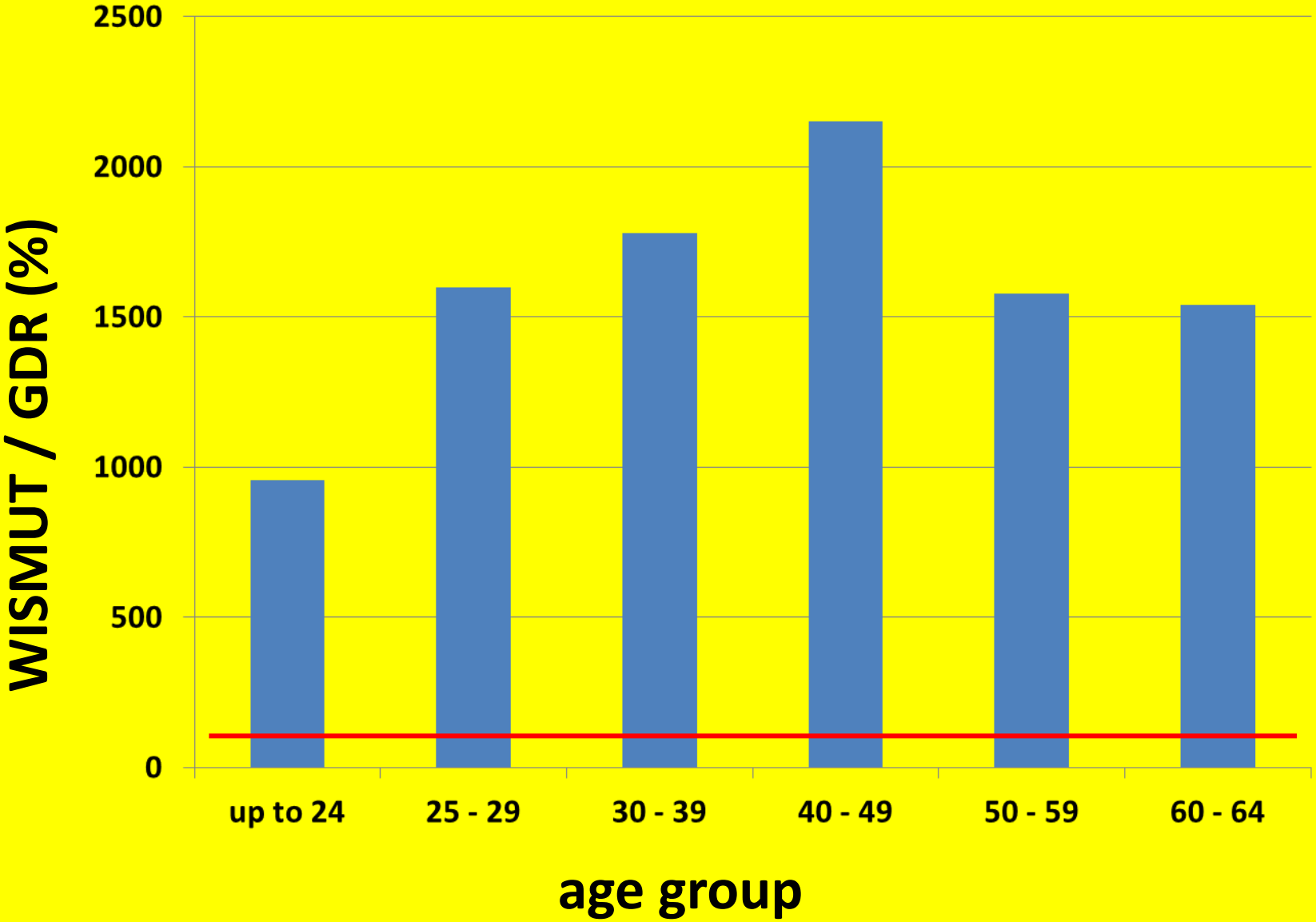
Disorders of muscle, ligament and fascia (728)



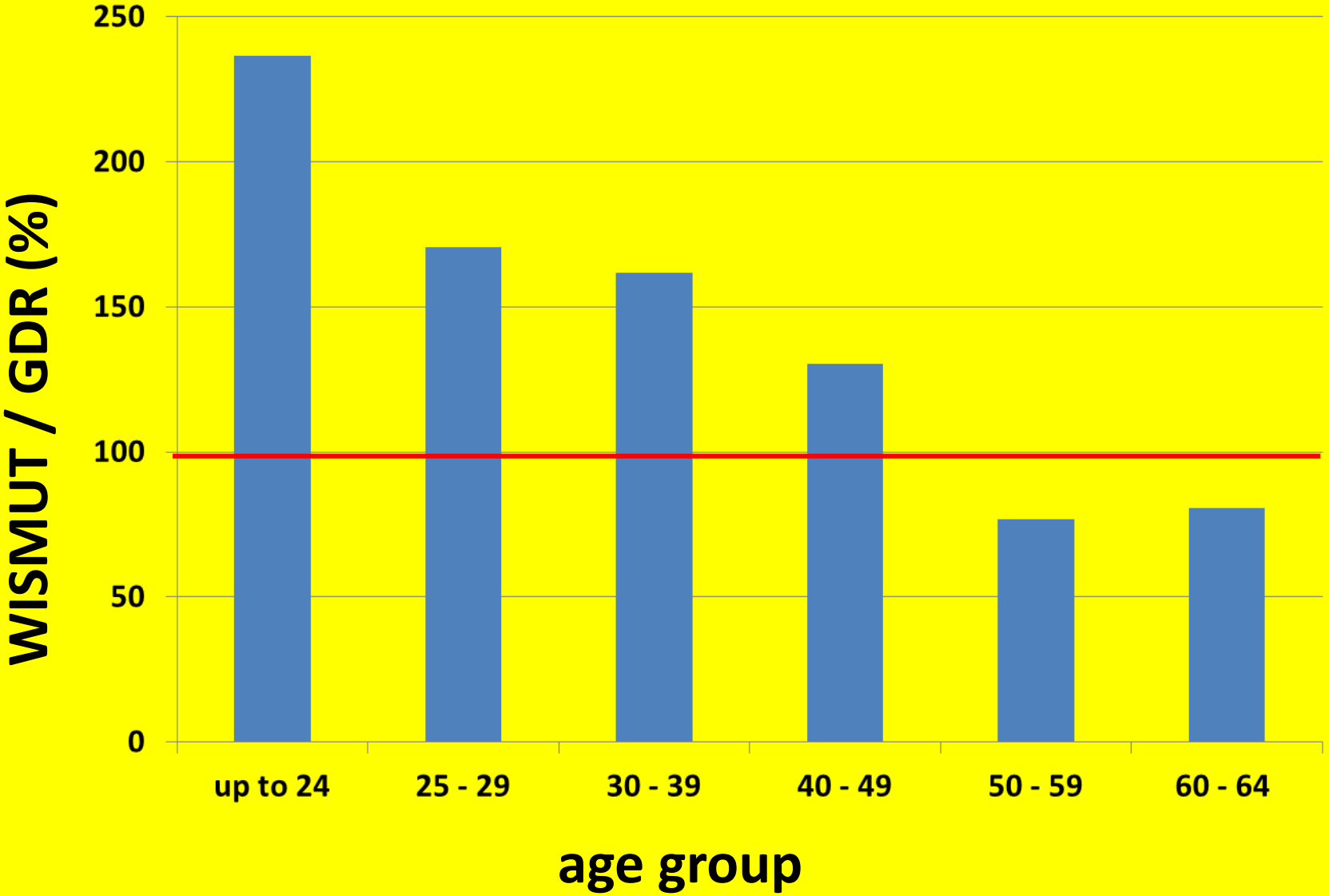
Osteopathies, chondrpathies and aquired musculus sceletal deformities (730-739)



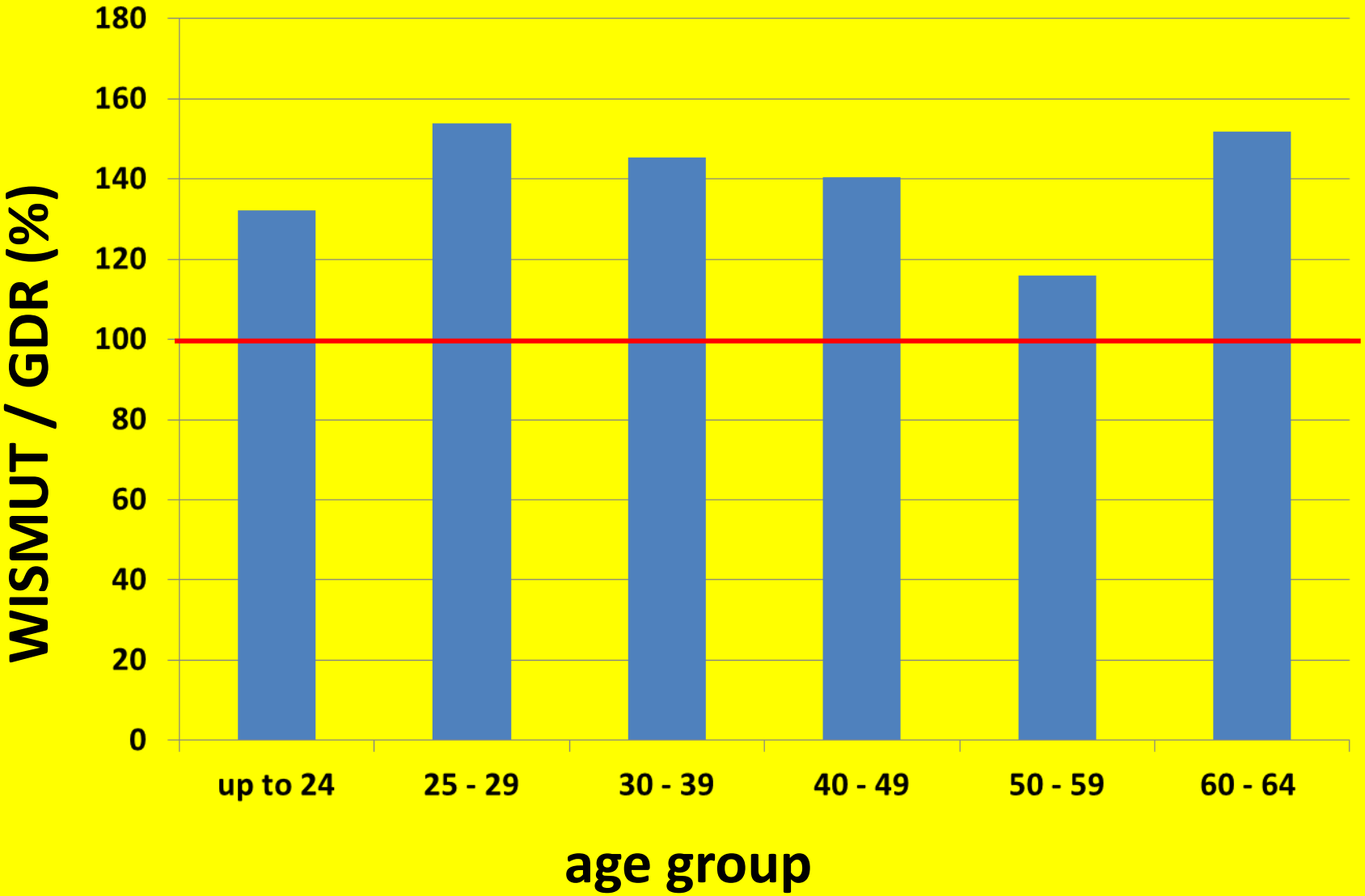
Nonallopathic lesions, not elsewhere classified (739)



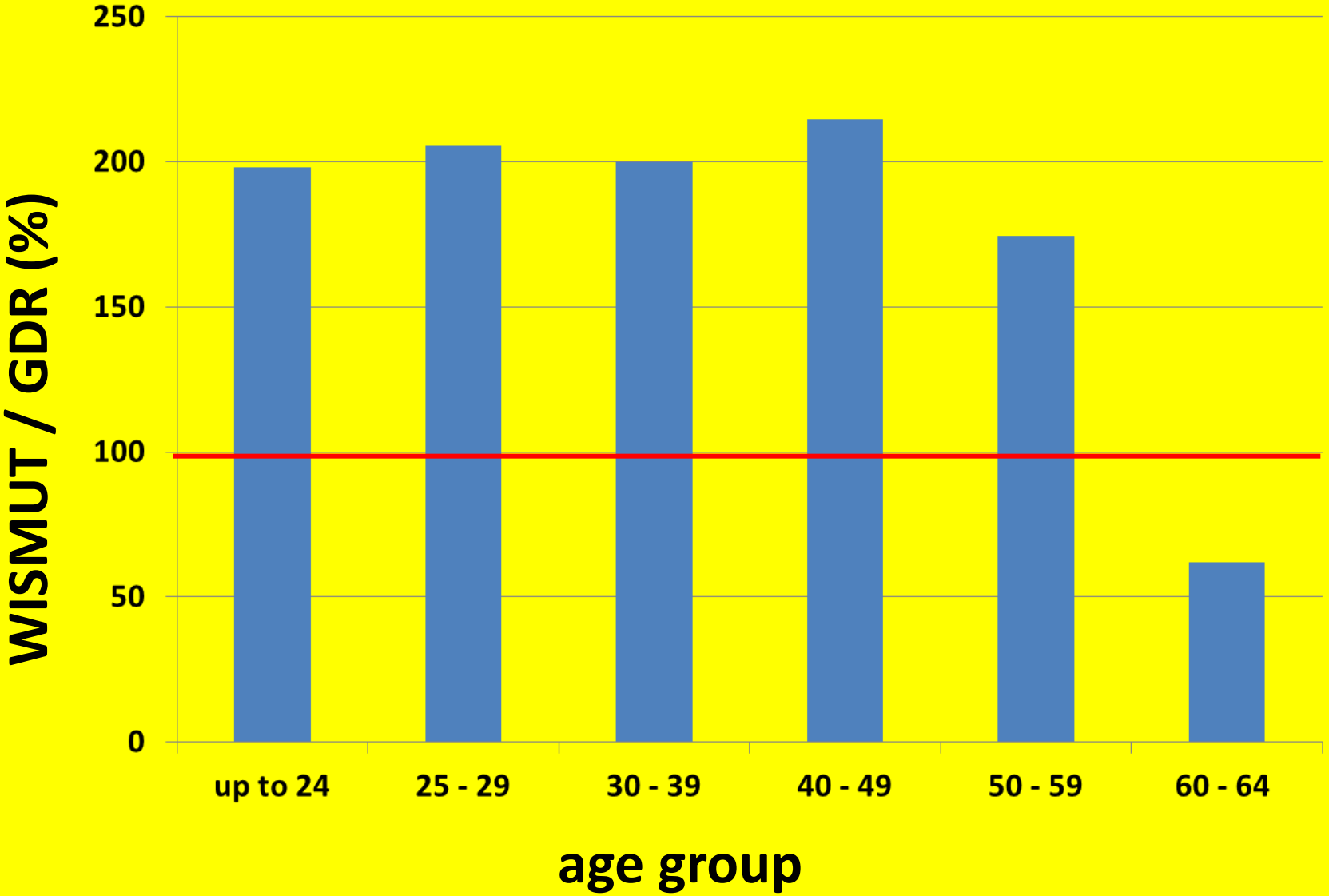
Fracture of neck and trunk (805-809)



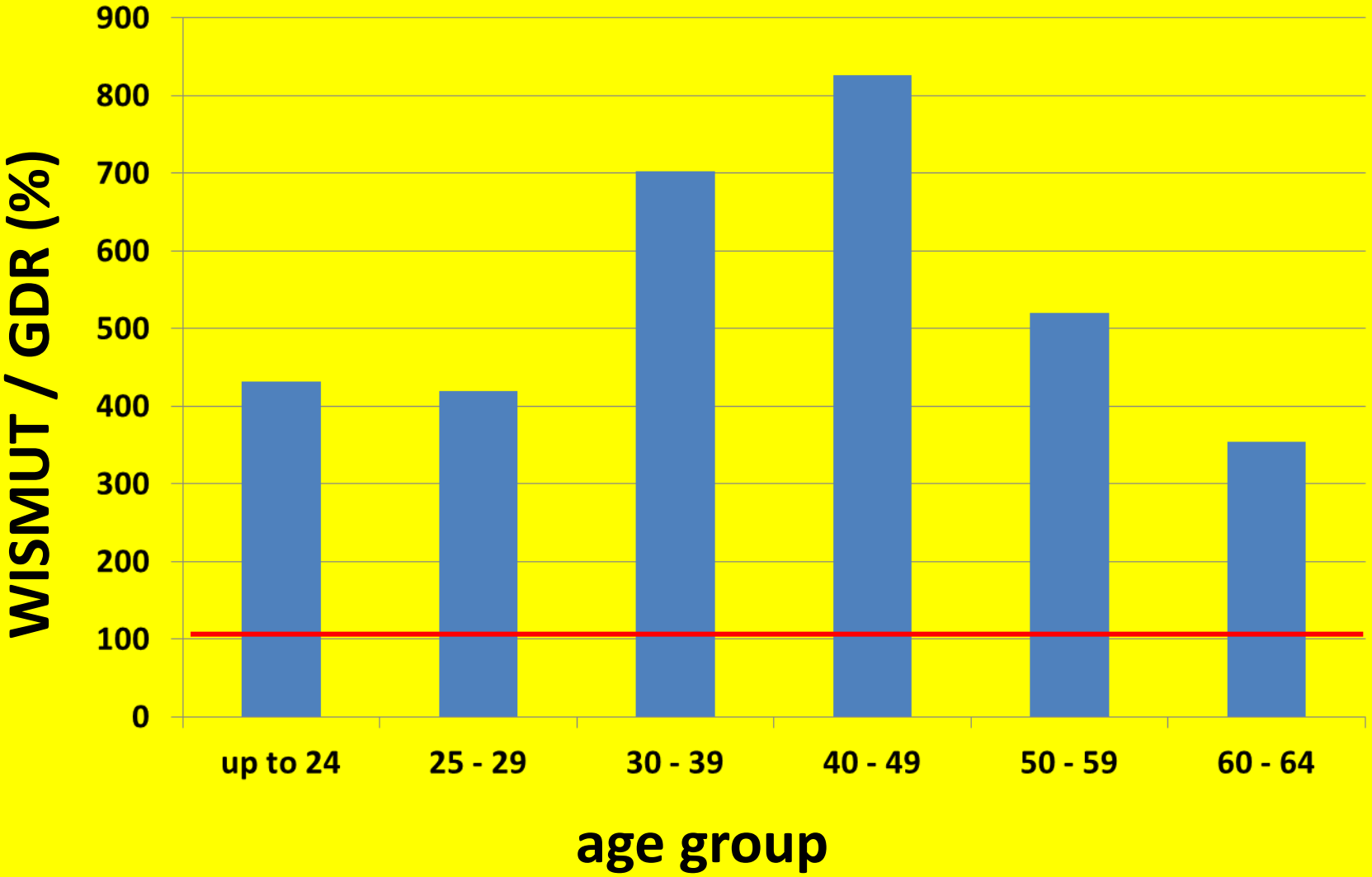
Dislocation (830-839)



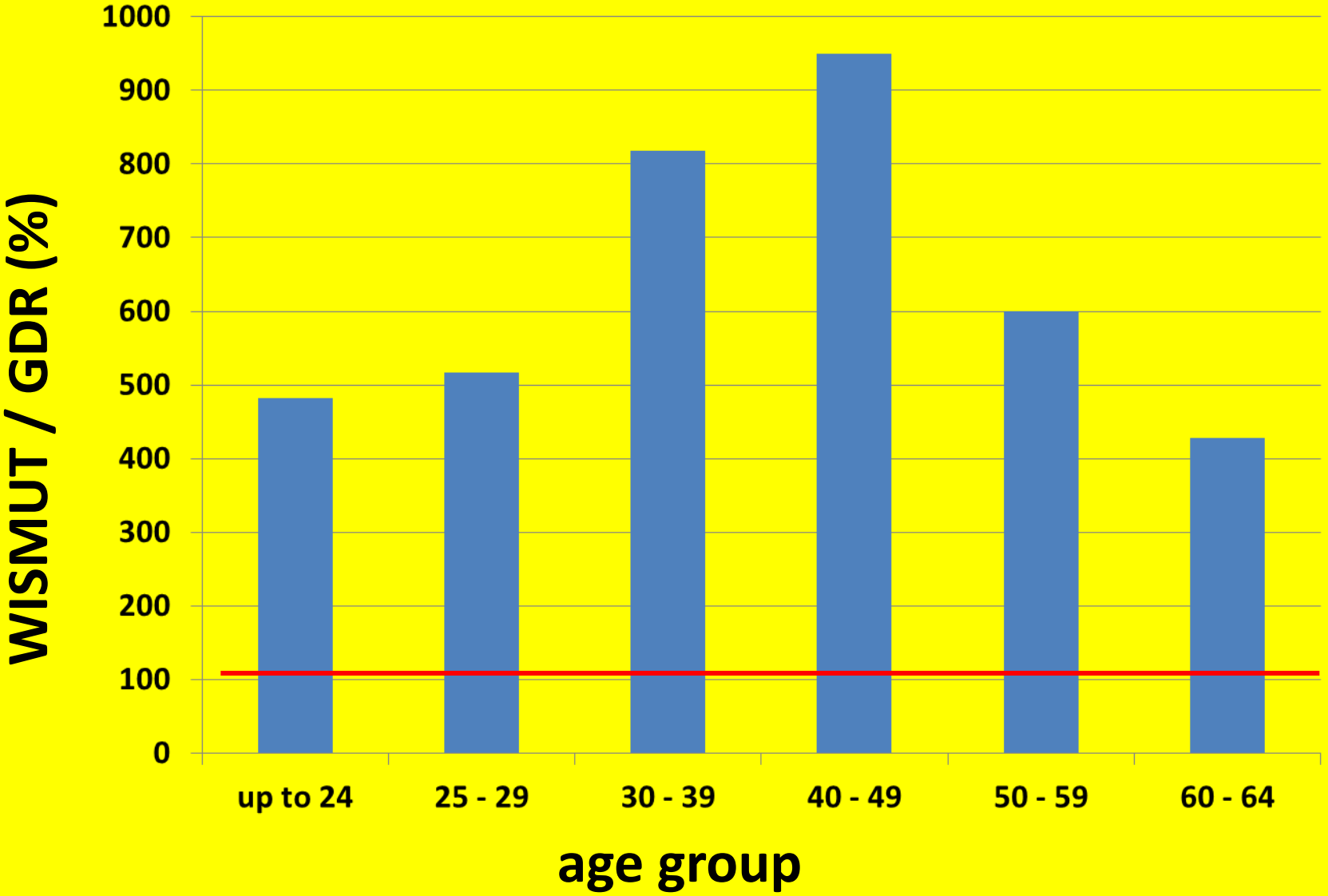
Dislocation of hip, knee, ankle and foot (835-838)



Late effects of injuries, poisonings, toxic effects and other external causes (905-909)



Late effects of musculosceletal and connective tissue injuries (905)



Uranium mining is no healthy business

German Society for Radiation Protection
Gesellschaft für Strahlenschutz e.V.
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