

# Basic medical terminology



SEMINAR 10

# Adjectives of the 3rd declension



3 types according to the number of endings in **nom. sg.**:

- **3** endings: **-ER** (M.), **-(E)RIS** (F.), **-(E)RE** (N.)  
*acer, acris, acre; biventer, biventris, biventre;*  
*celer, celeris, celere*
- **2** endings: **-IS** (M.+F.), **-E** (N.)  
*brevis, breve*  
= most frequent type  
: e.g.: *gravis, e; cranialis, e; muscularis, e;*  
*costalis, e; femoralis, e*
- **1** ending: **-X, -S** (M.+F.+N.) = most common endings  
e. g. *simplex, icis; descendens, entis*

# Adjectives of the 3rd declension



## Dictionary entry

- ADJECTIVES OF the 1<sup>st</sup> and 2<sup>nd</sup> DECLENSION

albus, a, um                      M.//F.//N.

niger, a, um                        M.//F.//N.

- ADJECTIVES OF the 3<sup>rd</sup> DECLENSION

- acer, is, e                        M.//F.//N.

- brevis, e                         M.+ F.//N.

- simplex, icis / ascendens, ntis    M.+F.+N.//GENITIVE SG.!

# 2-form adjectives of the 3rd declension



nom. sg.: **-IS** (M.+F.), **-E** (N.)

- Underived adjectives e.g. brevis, e = *short*; gravis, e = *heavy, difficult*  
levis, e = *light*; tenuis, e = *thin, slender*
- Derived adjectives ending in **-alis, e/-aris, e** cranialis, e = *cranial*  
muscularis, e = *muscular*  
*(express relation, pertaining or belonging to)*
- Compound adjectives ending in **-formis, e** pisiformis, e = *pisiform*  
vermiformis, e = *vermiform*  
*(shaped like, looking like, Latin equivalent to the Greek suffix -oideus, a, um)*
- Derived adjectives ending in **-bilis, e** operabilis, e = *operable*  
sanabilis, e = *sanable*  
*(capable of)*

# 1-form adjectives of the 3rd declension



nom. sg. **-X, -NS** (M.+F.+N.)

- Underived adjectives e.g. recens, recentis = *recent, new*  
latens, latentis = *latent, not manifested*
- Originally participles of verbs ending in **-ans, antis** and **-ens, entis**  
*(refer to action)*  
migrans, antis = *migrating, floating*  
ascendens, entis = *ascending*
- Compound adjectives ending in **-ceps, cipitis** biceps, bicipitis = *biceps*  
*(refer to head-like structures < caput, itis, n.)*
- Derived adjectives ending in **-plex, plicis** simplex, icis = *simple*  
duplex, icis = *double, twofold*  
*(refer to number, multiplicity)*

# Adjectives of the 3rd declension: declension paradigms

- ADJECTIVES of the 1<sup>st</sup> and 2<sup>nd</sup> declension:  
**nervus** (M.), **vena** (F.), **septum** (N.)
- ADJECTIVES of the 3<sup>rd</sup> declension:  
**pelvis** (M. + F.) **BUT!!!** abl. sg. **-i**  
**rete** (N.)

## LATIN AND GREEK DECLENSIONS

Declens.		I.			II.				III.					IV.		V.
Paradigm		<i>vena</i>	<i>systole</i>	<i>diabetes</i>	<i>nervus</i>	<i>septum</i>	<i>nephros</i>	<i>colon</i>	<i>dolor</i>	<i>corpus</i>	<i>pelvis</i>	<i>dosis</i> <i>febris</i>	<i>rete</i>	<i>ductus</i>	<i>genu</i>	<i>facies</i>
Gender		f.	f.	m.	m.	n.	m.	n.	m. + f.	n.	m. + f.	m. + f.	n.	m.	n.	f.
S i n g u l a r	1.	-a	-e	-es	-us/-er	-um	-os	-on	?	?	-is/-es	-(s)is/ -xis/-osis	-ar/-e/ -al	-us	-u	-es
	2.	-ae	-es	-ae	-i	-i	-i	-i	-is	-is	-is	-is/-eos	-is	-us	-us	-ei
	4.	-am	-en	-am	-um	1	-um	1	-em	1	-em	-im/-in	1	-um	1	-em
	6.	-a	-e	-a	-o	-o	-o	-o	-e	-e	-e / ((-i))	-i	-i	-u	-u	-e
P l u r a l	1.	-ae	-ae	-ae	-i	-a	-i	-a	-es	-a	-es	-es	-ia	-us	-ua	-es
	2.	-arum	-arum	-arum	-orum	-orum	-orum	-orum	-um	-um	-ium	-ium	-ium	-uum	-uum	-erum
	4.	-as	-as	-as	-os	1	-os	1	-es	1	-es	-es	1	-us	1	-es
	6.	-is	-is	-is	-is	-is	-is	-is	-ibus	-ibus	-ibus	-ibus	-ibus	-ibus	-ibus	-ebus
		+ Adj. of 1st decl. F			+ Adj. of 2nd decl. M	+ Adj. of 2nd decl. N			+ Compa -rative forms of adj. M+F	+ Com -parative forms of adj. N	+ Adj. of 3rd decl. M + F		+ Adj. of 3rd decl. N			

pelvis	<i>musculus</i>	<i>aorta</i>	rete	<i>caput</i>	<i>colon</i>
m. + f.			n.		
-is/-es	BREVIS	DESCENDENS	-ar/-e/ -al ▲	BREVE	DESCENDENS
-is	BREVIS	DESCENDENTIS	-is	BREVIS	DESCENDENTIS
-em	BREVEM	DESCENDENTEM	1	BREVE	DESCENDENS
-e / (-i)	BREVI	DESCENDENTI	-i	BREVI	DESCENDENTI
-es	BREVES	DESCENDENTES	-ia ▲	BREVI	DESCENDENTIA
-ium	BREVIUM	DESCENDENTIUM	-ium	BREVIUM	DESCENDENTIUM
-es	BREVES	DESCENDENTES	1	BREVI	DESCENDENTIA
-ibus	BREVIBUS	DESCENDENTIBUS	-ibus	BREVIBUS	DESCENDENTIBUS
+ Adj.▼ of 3rd decl. M + F			+ Adj. of 3rd decl. N		



# Adjectives of the 3rd declension



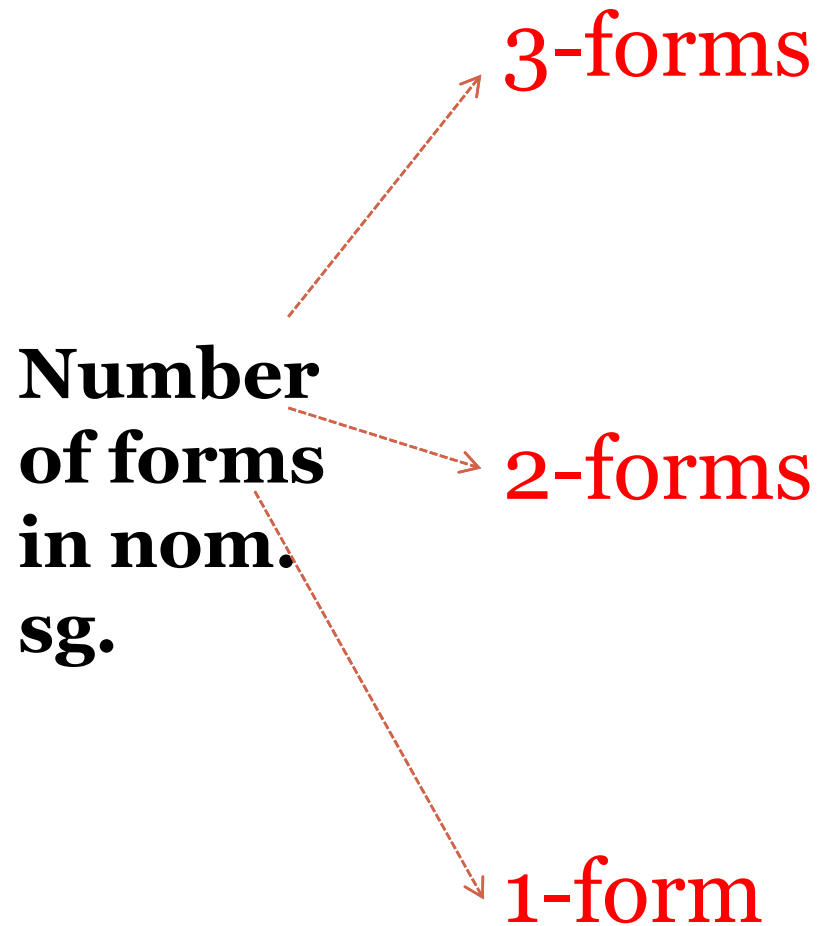
	SG.		PL.	
	M. + F.	N.	M. + F.	N.
1	(1)-x, -ns (2)-is (3)-er/-is	(1)-x, -ns (2)-e (3)-e	-es	<b>-ia</b>
2	<b>-is</b>		<b>-ium</b>	
4	<b>-em</b>	= 1.	<b>-es</b>	= 1.
6	<b>-i</b>		<b>-ibus</b>	

# Adjectives of the 3rd declension



	three forms: m. / f. / n.	two forms: m. + f. /n.	one form: m. + f. + n.
1. (sg.)	<b>acer</b> <b>acris</b> <b>acre</b>	<b>brevis</b> <b>breve</b>	<b>simplex</b>
2.	acr-i-s	brev-is	simplic-is
4.	acr-e-m                  acr-e	brev-em                  breve	simplic-em                  simplex
6.	acr-i	brev-i	simplic-i
1. (pl.)	acr-es                  acr-ia	brev-es                  brev-ia	simplic-es                  simplic-ia
2.	acr-i-um	brev-ium	simplic-ium
4.	acr-e-s                  acr-i-a	brev-es                  brev-ia	simplic-es                  simplic-ia
6.	acr-ibus	brev-ibus	simplic-ibus

## Form agreed attributes



- **Musculus** + biventer, is, e
- **!fossa** + biventer, is, e
- **!ganglion** + biventer, is, e
  
- **nervus** + communis, e
- **arteria** + communis, e
- **crus** + communis, e
  
- **lobulus** + simplex, cis
- **articulatio** + simplex, cis
- **crus** + simplex, cis

# Derive adjectives using suffixes *-alis, e/-aris, e*



- costa/ cost- + alis → **costalis, e**
- femur/ femor- + alis, e → **femoralis, e**
- musculus/ muscul- + aris, e → **muscularis, e**

dorsum	intestinum	cervix	labium
facies	nasus	pulmo	viscera
apex	digitus	margo	medulla
rectum	orbita	maxilla	pectus
ren	patella	vagina	tonsilla
sternum	abdomen	frons	paries
superficies	vestibulum	spina	bronchus!
pars!	os, oris	cranium	dens

# Compare and tell the difference



ulcus gastris **perforatum**

**perforatio** membranae tympanicae

ulcus intestini crassi **perforans**

# Complete the chart



*the same expression*



*the same case*

REN MIGRANS				
			MUSCULI BICIPITIS	
	ULCERA MOLLIA			
				RAMORUM COMMUNICANTIUM
		ARTERIIS GASTRICIS		

# Complete the chart



REN MIGRANS	ULCUS MOLLE	ARTERIA GASTRICA	MUSCULUS BICEPS	RAMUS COMMUNICANS
RENIS MIGRANTIS	ULCERIS MOLLIS	ARTERIAE GASTRICAЕ	MUSCULI BICIPITIS	RAMI COMMUNICANTIS
RENES MIGRANTES	ULCERA MOLLIA	ARTERIAE GASTRICAЕ / ARTERIAS GASTRICAS	MUSCULI BICIPITES / MUSCULOS BICIPITES	RAMI COMMUNICANTES / RAMOS COMMUNICANTES
RENUM MIGRANTIUM	ULCERUM MOLLIMUM	ARTERIARUM GASTRICARUM	MUSCULORUM BICIPITIUM	RAMORUM COMMUNICANTIUM
RENIBUS MIGRANTIBUS	ULCERIBUS MOLLIBUS	ARTERIIS GASTRICIS	MUSCULIS BICIPITIBUS	RAMIS COMMUNICANTIBUS