## Academic standards (NARS) - course ILOs matrix (master degree, phoniatrics)

Program ILOs are enlisted in the first row of the table (by their code nimber: A1, A2,......), then the academic standards are enlisted in first column, and an x mark is inserted where the respective standard contributes to achievement of the program ILOs in question.

Standards from 1-5 cover knowledge & understanding ILOs.

Standards from 6-14 cover intellectual skills ILOs.

Standards from 15-19 cover professional/practical skills ILOs.

Academic																							]	rc	921	aı	m I	ILC	Os																				
standards	A1	<b>A2</b>	<b>A3</b> /	<b>14</b> A	<b>\</b> 5A	A6A	7A8	A9/	<b>A10</b>	A11	A12	2A1.	3A1	4A1	5A1	6A	17A	18	<b>A19</b>	A20	A2	1A2	2A2	23A2	24A:	25 <i>A</i>	<b>126</b>	127	A28	A29	)A3(	)B1	B2B	3 <b>B</b> 4	B5I	36B'	7 <b>B</b> 8	B9B	10B	11E	312 E	313F	314E	815B	16B	17B1	18B1	9B2	0B2
1-Principles and basic	x	x	x :	<b>x</b> :	x																						x																						
concepts in the field of																																																	
Phoniatrics.																																																	
2- Systems-based Practice									x	x	x	x	x	x		,	ĸ	x	x	x	x	x	х	,	( )	ĸ		x	x	x	x																		
Candidates must																																																	
demonstrate an																																																	
awareness of and																																																	
responsiveness to the																																																	
larger context and system																																																	
of health care, as well as																																																	
the ability to call																																																	
effectively on other																																																	
resources in the system to																																																	
provide optimal health																																																	
care. Residents are																																																	
expected to: (1) work																																																	
effectively in various																																																	
health care delivery																																																	
settings &																																																	
systems relevant to their																																																	
clinical specialty; (2)																																																	
coordinate patient care																																																	
within the health care																																																	
system relevant to their																																																	
clinical specialty; (3)																																																	
incorporate considerations													1																																				

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of cost awareness and																															
risk-benefit analysis in																															
patient and/or population-																															
based care as appropriate;																															
(4) advocate for quality																															
patient care and optimal																															
patient care systems; (5)																															
work in inter-professional																															
teams to enhance patient																															
safety and improve patient																															
care quality; and, (6)																															
participate in identifying																															
system errors and																															
implementing potential																															
systems solutions.																															
3-Recent advances in the			$\mathbf{x} \mathbf{x}$	$\mathbf{x}$	x																										
field of phoniatrics.																															
4-Legal and medico legal									x																						
aspects in practice of																															
phoniatric disorders as well																															
as medical ethics.																															
5- Principles and basic								x																							
concepts of quality in																															
professional practice																															
including planning,																															
improvement of																															
performance and control of																															
practicing outcomes.																															
6-Ethics in research									х																						
<b>7</b> - Data interpretation and																						_						+			$\vdash$
proper diagnosis of																			٦ `	x	7	`									
language, speech, voice and																															
swallowing disorders. In																															
this domain residents must																															
demonstrate knowledge of																															
established and evolving																															
biomedical, clinical,																															
Diomedical, clinical,																														1	1

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including but not limited																								
to diversity in gender, age,																								
culture, race, religion,																								
disabilities, and sexual																								
orientation.																								
15- Medical report																								
writing and																								
evaluation/appropriateness																								
of patient medical report.																								
16- Ability to investigate																								
and evaluate their care of																								
patients, to appraise and																								
assimilate scientific																								
evidence, and to																								
continuously improve																								
patient care based on																								
constant self-evaluation																								
and life-long learning.																								
17- Interpersonal and																								
communication skills that																								
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18- Effective use of IT and		+													T									
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19- Self-appraisal and																							
needs assessment.																							
20- Accessibility to																							
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other appropriate																							
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21- Incorporate formative																							
evaluation feedback into																							
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22-Team																							
work/leadership.																							
23- Time management.																							
24- Self-learning ability																							
and continuous medical																							
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Academic standards										F	Prog	ram	ıme	ILO	S									
	c1	c2	c3	c4	<b>c</b> 5	<b>c6</b>	c7	c8	c9	c10	c11	c12	c13	c14	c15	c16	c17	d1	d2b3	d3	d4	d5	d6	d7
1- Principles and basic concepts in the field of																								
phoniatrics																								
2- Systems-based Practice																								
Candidates must demonstrate an awareness of																								
and responsiveness to the larger context and																								
system of health care, as well as the ability to call																								
effectively on other resources in the system to																								
provide optimal health care. Residents are																								
expected to: (1) work effectively in various health																								
care delivery settings &																								
systems relevant to their clinical specialty; (2)																								
coordinate patient care within the health care																								
system relevant to their clinical specialty; (3)																								
incorporate considerations of cost awareness and																								
risk-benefit analysis in patient and/or																								
population-based care as appropriate; (4)																								
advocate for quality patient care and optimal																								
patient care systems; (5) work in inter-																								
professional teams to enhance patient safety and																								
improve patient care quality; and, (6) participate																								
in identifying system errors and implementing																								
potential systems solutions.																								
3- Recent advances in the field of phoniatrics.																								
4- Legal and medico legal aspects in practice of																								
phoniatric disorders as well as medical ethics.																								
5- Principles and basic concepts of quality in																								
professional practice including planning,																								
improvement of performance and control of																								
practicing outcomes.																								
6- Ethics in research.																							X	
7- Data interpretation and proper diagnosis	X	Х																						
of language, speech, voice and swallowing																								
disorders In this domain residents must																								
demonstrate knowledge of established and																								
evolving biomedical, clinical, epidemiological and																								
social behavioral sciences, as well as the																								

application of this knowledge to patient care.																				
8- Medical problem solving.																				
9- Evidence-based medicine.																				
10- Principles of conducting scientific research,																				
writing research design and formulation of																				
research hypothesis																				
11- Risk assessment in medical practice.																				
12- Planning for improvement of professional																				
performance in the field of phoniatric disorders.																				
Residents are expected to develop skills and habits																				
to be able to meet the following goals: (1) identify																				
strengths, deficiencies, and limits in one's																				
knowledge and expertise; (2) set learning and																				
improvement goals; (3) identify and perform																				
appropriate learning activities; (4) systematically																				
analyze practice using quality improvement																				
methods, and implement changes with the goal of																				
practice improvement; (5) incorporate formative																				
evaluation feedback into daily practice; (6) locate,																				
appraise, and assimilate evidence from scientific																				
studies related to their patients' health problems;																				
(7) use information technology to optimize																				
learning; and participate in the education of																				
patients, families, students,																				
residents and other health professionals																				
13- Decision making skills.																				
14- Professionalism and up to date practice.	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X			
Residents provide patient care that is																				
compassionate, appropriate, and effective for the																				
treatment of health problems and the promotion																				
of health. In this context; Residents must																				
demonstrate a commitment to carrying out																				
professional responsibilities and an adherence to																				
ethical principles. Residents are expected to																				
demonstrate: (1) compassion, integrity, and																				
respect for others; (2) responsiveness to patient																				
needs that supersedes self-interest; (3) respect for																				
patient privacy and autonomy; (4) accountability																				

sensitivity and responsiveness to a diverse patient population, including but not limited to diversity in gender, age, culture, race, religion, disabilities, and sexual orientation.  15- Medical report writing and evaluate their care of patients medical report.  16- Ability to investigate and evaluate their care of patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and life-long learning.  17- Interpersonal and communication skills that result in the effective exchange of information and collaboration with patients their families, and health professionals  18- Effective use of IT and healthcare information system in medical preactice and patient medical records to optimize learning; and participate in the education of patients, families, students, residents &other health professionals  19- Solf-appraisal and needs assessment.  20- Accessibility to specially-specific and other appropriate reference material in print or electronic medical literature databases with search capabilities.  21- Incorporate formative evaluation feedback into daily practice.  22- Team work/cladership.  23- Time management.  24- Self-learning ability and continuous		1					- 1				1 1								
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