Academic standards (NARS) -Courses ILOs Matrix (M.D degree, phoniatrics)

Program ILOs are enlisted in the first row of the table (by their code number: a1, a2.....etc), then the academic standards are enlisted in first column, and an "x" mark is inserted where the respective standard contributes to the 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.

Standards from 20-26 cover transferable & communication skills ILOs.

Academic standards													Pr	10g1	am	ILC	Os												
	A1						A 7	A8	A9	A10	A11	A12	A13		A15	B1	B2	В3	B4	B5	B6	B 7	B8	В9	B10	B11	B12	B13	B14
1- Recent advances and areas	X	X	X	Х	X	X	X	X	X				X	X	X														
under research in the field of																													
phoniatrics.																													
																												ļ	<u> </u>
2- Scientific research ethics, research										X	X																		ł
methodology & research design.																													ł
Curriculum must advance knowledge																													ł
of the basic principles of research,																													
including how research is conducted,																													
evaluated, explained to patients, and																													
applied to patient care.																													
3- Legal and medico legal aspects in											Х	Х																	
practice of phoniatrics as well as medical																													
ethics.																													<u> </u>
4- Principles and basic concepts of quality										X																			
in professional practice including																													ł
planning, improvement of performance																													ł
and control of practising outcomes.																												<u> </u>	<u> </u>
5- Knowledge related to environmental											X																		ł
development, patient safety, safe																													ł
occupational practice, serving communities																												! 	1
and research results in improving public																												! 	1
health outcomes.																													ł

6- Medical data analysis, interpretation							X	Х	X	X	X	X								
and proper therapy choice.																				
7- Medical problem solving and Evidence-													X	X	X	X	X		X	Х
based medicine.																				
8- Participation in research development																		X		
and innovation.																				
9- Scientific paper reviewing.																		X		
10- Risk assessment in medical							X													
practice																				
11- Planning for improvement of							X	Х	X	Х	Х	Х	х	Х	Х	Х	X	Х		
professional performance in the field of																				
phoniatrics.																				
Candidates 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.																				<u></u>

Academic standards														Pro	ogra	m I	LO	s											
	A1	A2	A 3	A4	A 5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	B1	B2	В3	B4	B5	B6	B7	B8	В9	B10	B11	B12	B13	B14
12- Decision making skill.																Х	X		X										
13- Development, innovation and medical																									Х				
breakthrough.																													
14- Safety culture of medical practice.																											X		
15- Professionalism and up to date practice.																													
Providing patient care that is compassionate,																													
appropriate, & effective for the treatment of																													
health problems and the promotion of health.																													
In this context; Candidates must demonstrate																													
a commitment to carrying out professional																													
responsibilities & 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 to patients, society and the																													
profession; and,(5) sensitivity and																													
responsiveness to a diverse patient																													
population, including but not limited to																													
diversity in gender, age, culture, race,																													
religion, disabilities, and sexual orientation.																													
16-Medical report writing and																													
evaluation/appropriateness of patient																													
medical report.																													
17-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.				1	T									
18-Effective use of IT and healthcare	1				\exists									
information system in medical practice														
and patient medical records to optimize														
learning; and participate in the														
education of patients, families, students,														
residents and other health professionals														
19-Planning for improvement of														
professional performance in the field of														
phoniatrics. candidates 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														

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20-Interpersonal and communication																			1
skills that result in the effective exchange																			,
of information and collaboration with																			,
patients, their families, and health																			,
professionals																			,
21-Interpersonal and communication																			——————————————————————————————————————
skills that result in the effective exchange																			
22-Teaching and evaluation skills as																			
senior staff.	l																		l
23-Self-appraisal and life-long learning.	 																	 	,
24-Accessibility to specialty-specific and																			,
other appropriate reference material in																			1
print or electronic format. Electronic																			1
medical literature databases with search																			1
capabilities.																			İ
25-Teamwork/leadership.																			
26-Time management and meeting																			1
organization																			1

Academic standards												P	rog	ran	ıme	ILC	Os											
	c1	c2	c3	c4	c 5	с6	c 7	c8	с9	c10	c11	c12	c13	c14	c15	c16	c17	d1	d2b	d3	d4	d5	d6	d7	d8	d9	d10	d11
1- Recent advances and areas																												
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Academic standards]	Prog	grai	mm	e II	LOs											
	c1	c2	c3	c4	c5	с6	c7	c8	с9	c10	c11	c12	c13	c14	c15	c16	c17	d1	d2b	d3	d4	d5	d6	d7	d8	d9	d10	d11
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(4) systematically analyze practice using																												
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(5) Incorporate formative evaluation																												
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patient needs that supersedes self-interest;
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society and the profession; and,(5)
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16- Medical report writing and X X X
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18- Effective use of IT and healthcare X X
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students, residents and other health professionals																	
19- Planning for improvement of	Х	Х	Х	Х	Х												T
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Academic standards													Prog	zrai	mm	e II	Os											
	c1	c2	c3	c4	c5	c6	c 7	c 8	с9	c10	c11	c12	c13	c14	c15	c16	c17	d1	d2b	d3	d4	d5	d6	d7	d8	d9	d10	d11
20- Interpersonal and																		X	X	X	X	X	X	X				
communication skills that result in																												
the effective exchange of information																												
and collaboration with patients, their																												
families, and health professionals																												
21- Teaching and evaluation skills																								X	X	X		
as senior staff.																												
22- Self-appraisal and life-long																								X	X	X		
learning.																												
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