

Identifier	Title	Author	Curriculum	Week	Type	Notes
CP Podcast 1.0	History Taking - Chronic Pain	Przkora	Pre Rotation		Podcast + reading	Foundation Knowledge ret to auth
CP online 1.0	Physical Exam Spine	Trescot	Pre Rotation		Online Module - Video	Foundation Knowledge peer rev
CP Online 10.0	Physical Exam Joints		Pre Rotation		Online Module - Video	Foundation Knowledge
CP Online 9	Physical Exam Neurology (orienting)	Humair	Pre Rotation		Online Module - Video	Foundation Knowledge published
CP Reading 1	Anatomy of Pain Pathways - Physiology and Pathophysiology		Pre Rotation		Reading	Foundation Knowledge
	Goals and Objectives for Basic Rotation		Basic		Document	
CP Handson 1	Physical Exam Spine	Radhika	Basic	1	Hands-on Skills	Conditions auth volunteered
CP Handson 2	Physical Exam Joints		Basic	1	Hands-on Skills	Conditions
CP Handson 3	Physical Exam Neurology		Basic	1	Hands-on Skills	Conditions
CP PBLD 1.0	Applied anatomy of Pain pathways	Trescot	Basic	1	PBLD	Conditions Published
CP Lecture 1.0	Back and Neck Pain	Jowza	Basic	1	Lecture	Conditions needs peer rev
CP Podcast 2.0	Joint Pain	James	Basic	1	Podcast + reading	Conditions rev to auth
CP Quiz 1	CP Basic Quiz Week 1	Ratan Banik	Basic	1	Quiz	Assessment rev to auth
CP Lecture 2.0	Neuropathic Pain/Neuropathies	Przkora	Basic	2	Lecture	Conditions peer rev
CP Podcast 3.0	Postherpetic Neuralgia	Bautista	Basic	2	Podcast + reading	Conditions published
CP Lecture 3.0	CPRS	Kumar	Basic	2	Lecture	Conditions ret to auth
CP Lecture 4.0	Cancer Pain	Dale	Basic	2	Lecture	Conditions rev to auth
CP Podcast 4	Myofascial Pain - Fibromyalgia - Fatigue Syndrome	Przkora	Basic	2	Podcast + reading	Conditions peer rev
CP Quiz 2	CP Basic Quiz Week 2	alaa Abd-Elseyed	Basic	2	Quiz	Assessment published
CP Lecture 5	Opioids-Basics	Przkora	Basic	3	Lecture	Treatment loading
CP podcast 5	NSAIDs/Acetaminophen	Udoji	Basic	3	Podcast + reading	Treatment needs peer rev
CP Podcast 6	Membrane Stabilizers	Peperzak	Basic	3	Podcast + reading	Treatment rev to auth
CP podcast 7	Tricyclic Antidepressants/SNRIs	Raja	Basic	3	Podcast + reading	Treatment peer rev
CP PBLD 2.0	Clinical application of Medications	Jowza	Basic	3	PBLD	Treatment published
CP Quiz 3	CP Basic Quiz Week 3		Basic	3	Quiz	Assessment
CP Online 2.0	Epidural and Facet Procedures	Bautista	Basic	4	Online module	Treatment published
CP PBLD 3	Epidural and Facet Procedures	Bautista	Basic	4	PBLD	Treatment ret to auth
CP Online 3	Radiofrequency ablation	Haynes-Henderson	Basic	4	Online module	Treatment ret to auth
CP Lecture 64	trigger point injections, bursa injections)	AlGrain	Basic	4	Lecture	Treatment Ret to auth
CP Online 6	Sympathetic Blocks	alaa Abd-Elseyed and Y	Basic	4	Online module	Treatment Edit rev
CP Quiz 4	CP Basic Quiz Week 4	AlGrain	Basic	4	Quiz	Assessment
CP OSCE 1	OSCE Basic Neuro Exam		Basic		OSCE	Assessment
CP OSCE 2	OSCE Basic chronic pain evaluation		Basic		OSCE	Assessment
	Goals and Objectives for Advanced Rotation		Advanced		Document	
CP Onine 4	Joint Injections	James	Basic	1	Online module	Treatment edit rev
Peds lecture 11	Pediatric Pain	Li	Advanced	1	Lecture	Conditions peer rev
CP Lecture 7	Headaches	Kumar	Advanced	1	Lecture	Conditions edit rev
CP Quiz 5	CP Advanced Quiz Week 1	Weinstein	Advanced	1	Quiz	Assessment published
CP PBLD 4	Postlaminectomy Syndrome		Advanced	2	PBLD	Conditions
CP Lecture 65	Failed Back syndrome	Pzkora	Advanced	2	Lecture	Conditions peer rev
CP Podcast 8	Abdominal Pain		Advanced	2	Podcast + reading	Conditions
CP Podcast 9	Pelvic Pain	Antony	Advanced	2	Podcast + reading	Conditions published
CP Lecture 8	The addicted Patient		Advanced	2	Lecture	Conditions
CP Quiz 6	CP Advanced Quiz Week 2	Stacy Peterson	Advanced	2	Quiz	Assessment auth volunteered
CP Lecture 9	Complications in Pain Medicine	Dayal	Advanced	3	Lecture	Treatment ret to auth
CP PBLD 5	Opioid Prescribing-Risk Assessment and Mitigation	Dale	Advanced	3	PBLD	Treatment published
CP Online 7	Spinal Cord Stimulation	Antony	Advanced	3	Online Module	Treatment peer rev
CP Quiz 7	CP Advanced Quiz Week 3	Stacy Peterson	Advanced	3	Quiz	Assessment auth volunteered

CP online 8	Periopheral Nerve Stimulation	Covington	Advanced	4	Online module	Treatment	auth volunteered
CP Online 11	Intrathecal Drug Delivery	Mora	Advanced	4	Online Module	Treatment	Peer rev to auth
CP Lecture 10	Physical Therapy-Basics	Antony	Advanced	4	Lecture	Treatment	auth volunteered
CP PBLD 6	Cognitive Behavioral Therapy	Waxenberg	Advanced	4	PBLD	Treatment	published
CP Lecture 11	Alternative Medicine	Dale	Advanced	4	Lecture	Treatment	published
CP Quiz 8	CP Advanced Quiz Week 4	Stacy Peterson	Advanced	4	Quiz	Assessment	auth volunteered

Resident Chronic Pain Curriculum

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Disclosures

- No Financial Disclosures
- Current Editor for the Anesthesia Toolbox

Learning Objectives


Upon completion of this activity, participants will be able to:

- Understand the goals and objectives of the resident curriculum project and the participation of the pain program directors
- Describe the curriculum development and review process
- Identify the resources for learners and faculty in the Anesthesia Toolbox
- Describe how to utilize the Toolbox to implement a chronic pain curriculum



Resident Rotation Experience


- Highly variable experience
 - Clinical cases vary
 - Clinical teaching varies



Gruppen LD et al. The consistency and educational benefits of clinical experiences during an ambulatory care internal medicine rotation. Acad Med. 1993;68:674-680.

Resident Rotation Experience

- Take a specific rotation
- What knowledge, skills and behaviors should be mastered?



Toolbox Curricula

- National faculty experts define curriculum
- Sequenced exposure to topics
- Learner and faculty driven



Sample CP Week 1 Curriculum

Topic	Topic	
Self-Directed	Joint Pain	Podcast
	History taking in the pain patient	Podcast
	Physical exam of the spine	Video
Faculty-Driven	Week 1 Quiz	
	Exam of the Spine	Hands on skills
	Applied Anatomy of Pain pathways	PBLD
	Back and Neck Pain	Lecture

Toolbox Curricula Elements

- **Self Directed**
 - Podcast
 - Online module
 - Video
 - Reading
 - Lecture archive
 - Quiz bank
- **Faculty directed**
 - Lectures
 - PBLDs
 - In-room teaching
 - SIM



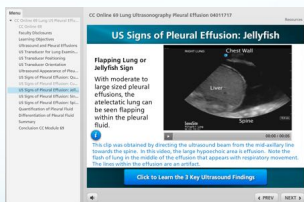
Content Development

- Call to authors
- All volunteer army



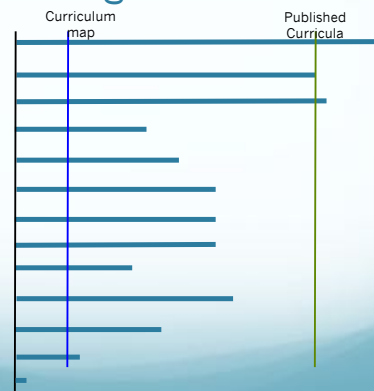
Author Support

- Instructions, templates, examples
- Medical art/Stock Photography
- Computer programmer for e-learning modules
- Instructional design review
- Peer review




Progress

- Regional Acute Pain
- Neuro
- OB
- Cardiac
- Critical Care
- Airway
- Ambulatory
- Trauma
- CA 1
- Pediatrics
- **Chronic pain**
- PACU
- Acute Pain




Education Platforms

Online LMS



- Course-based study
- Create and assign curricula
- Quiz bank
- Track learner progress

Community Portal




- Wiki Cases
- Ask a clinical question
- Clinical pearls
- Online PBLDs and Journal Clubs
- What's new
- What's trending

Toolbox Community

Create a social community of learning


- Use modern social knowledge management technology
- Capture and distribute key knowledge
 - Crowd-sourced knowledge
 - Collaborative learning
- Better alignment with the way current trainees communicate and learn



Toolbox LMS

Course or Rotation-based Learning

- Create Curricula
- Self-enroll or be assigned curricula
- Track learner progress
- Self-guided access
- Quiz bank



Strategic Partners

- Society for Education in Anesthesia
- World Federation of Anesthesiologists
- Society for Ambulatory Anesthesia
- Trauma Anesthesia Society
- Society for Airway Medicine
- Association of Peds Program Director
- **Association of Pain Program Directors**
- SAAA?
- ASA?

ASK

- Help finish the resident month 1 and 2 curricula (we need a few authors)
- Desperate for Peer Reviews
- Tackle the fellow curricula

