



## Long Curriculum in Resident Education

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### Goals of the Long Curriculum

Pediatric and Adolescent Gynecology (PAG) is an important and required aspect of training for Ob/Gyn, Pediatrics, and Adolescent Medicine training programs. PAG is an integral part of Ob/Gyn, Pediatrics, and Adolescent licensing exams in the United States and Canada. Specific learning objectives, found in the Council on Resident Education in Ob/Gyn (CREOG) in the US, American Board of Pediatrics (ABP), and Royal College of Physicians and Surgeons in Canada (RCPSC) must be fulfilled so these postgraduate training programs can receive their accreditation. In addition, residents must be able to provide patient care that is compassionate, appropriate, and effective for the treatment of gynecologic problems in the pediatric and adolescent patient and the promotion of health for women and children.

The Long Curriculum is a comprehensive curriculum in PAG for resident education. The curriculum is designed to meet the following learning objectives for PAG:

1. CREOG (Council on Resident Education in Ob/Gyn)
2. RCPSC (Royal College of Physicians and Surgeons in Canada)
3. ABP (American Board of Pediatrics) Content Outline for General Pediatrics

Surgical aspects of the curriculum required for the Ob/Gyn trainee are noted as these would apply to trainees in Ob/Gyn.

This curriculum can be used to teach learners on a rotation dedicated to PAG training or during entire

Comprehensive Curriculum in Pediatric and Adolescent Gynecology for Postgraduate Trainees in Ob/Gyn, Pediatrics, and Adolescent Medicine.

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residency training by dividing objectives across the different years of training. At the completion of this curriculum, the trainee will have covered all learning objectives for PAG outlined in the above objectives.

### Target Audience

Postgraduate trainees in Ob/Gyn, Pediatrics, and Adolescent Medicine from centers seeking a comprehensive curriculum covering the mandatory topics on PAG.

### Educational Objectives

This program covers topics determined by formal residency training guidelines (CREOG, RCPSC, and Educational Objectives for Pediatrics & Adolescent Medicine) for PAG.

At the completion of this curriculum, the trainee should understand all of the aspects of PAG as determined by these objectives to be covered in residency.

### Definitions

1. **Reading Assignment:** Resources recommended by NASPAG resident education committee on what trainee should read ("must read"). We propose that training programs have at least one of these textbooks as a resource available for their trainees.

#### Recommended textbooks

- a. Pediatric and Adolescent Gynecology by S. J. Emans and M. R. Laufer, 6th edition, 2012 (Lippincott Williams & Wilkins) **OR**
- b. Clinical Pediatric and Adolescent Gynecology by J. Sanfilippo, E. Lara-Torre, D. K. Edmonds, and C. Templeman, 2009 (Informa Healthcare)

Throughout this document, these texts will be referred to as:

Emans & Laufer 6th edition and Sanfilippo, respectively.

2. *Additional resources:* Trainee who wishes to review clinical scenarios or seeks additional information about specific subjects

- a. Clinical Cases in Pediatric and Adolescent Gynecology by M. R. Laufer and L. S. Goldstein (NASPAG/ACOG CD-ROM). Available at <http://sales.acog.org/Clinical-Cases-in-Pediatric-Adolescent-Gynecology-P603.aspx>
- b. ASRM Modules (<http://www.asrm.org/eLearnCatalog/>). Free for Ob/Gyn residents (others for fee)
- c. Zitelli and Davis' Atlas of Pediatric Physical Diagnosis by Basil J. Zitelli, Sara C McIntire, and Andrew J. Nowalk, 6th edition. 2012 (Elsevier).
- d. Textbook of Adolescent Health Care by Martin Fisher. 2011 (American Academy of Pediatrics): editors

- Elizabeth Alderman, Richard Kreipe, and Walter Rosenfeld (Chicago, IL).
- e. Clinical Gynecologic Endocrinology and Infertility, 8th edition by Marc W. Fritz and Leon Speroff. 2011 (Lippincott Williams & Wilkins).
- f. TeLinde's Operative Gynecology 10th edition by J. A. Rock and H. W. Jones. 2011(Philadelphia: Lippincott Williams and Wilkins).
- g. ACOG Adolescent Health Care Guidelines. Available at [http://www.acog.org/Resources\\_And\\_Publications/Guidelines\\_for\\_Adolescent\\_Health\\_Care](http://www.acog.org/Resources_And_Publications/Guidelines_for_Adolescent_Health_Care)
- h. Adolescent Health Care: A Practical Guide: editors Lawrence S. Neinstein, Catherine Gordon, Debra Katzman, David Rosen, and Elizabeth Woods. 2008 (Lippincott Williams & Wilkins, a Wolters Kluwer Business)

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TOPIC AND OBJECTIVES	RECOMMENDED READINGS		ADDITIONAL READINGS
	EMANS AND LAUFER 6TH EDITION	SANFILIPPO	
<b>1. ANATOMY AND PHYSIOLOGY</b>			
Describe the anatomic changes of the genital tract and breast that occur at different ages	Chapter 6: The Physiology of Puberty	Chapter 1: Embryology and Normal Anatomy	1. Clinical Gynecologic Endocrinology and Infertility, 8th edition chapter 10, Normal and Abnormal Growth and Pubertal Development, pp. 391-433 2. Zitelli and Davis' Atlas of Pediatric Physical Diagnosis, 6th Edition, Elsevier, 2012; Chapter 18, pp. 693-730
Describe the sex hormonal changes that occur at the different stages of life		And Chapter 2: Normal Pubertal Development	
Describe the hormonal changes that occur as part of normal puberty			
<b>2. PEDIATRIC GYNECOLOGY (BIRTH TO MENARCHE)</b>			
Describe the characteristics of the most common gynecologic problems experienced by pediatric patients such as:			
a. Vulvovaginitis	Chapter 4: Vulvovaginal Problems in Prepubertal Girls	Chapter 9: Vaginal Discharge and Genital Bleeding in Childhood	
b. Vulvar disease			
i. Lichen sclerosis	Chapter 4: Vulvovaginal Problems in Prepubertal Girls pp. 50-51 And Chapter 5: Vulvar Dermatology pp. 80-82	Chapter 10: Basic Dermatology in Children and Adolescents pp. 159-160	
ii. Labial adhesions	Chapter 4: Vulvovaginal Problems in Prepubertal Girls pp. 55-57	Chapter 10: Basic Dermatology in Children and Adolescents pp. 149-150	
c. Prepubertal vaginal bleeding			

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