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HOME ABOUT US	CE/CME	SHARED CURRICULUM	RESOURCES	PUBCASTS	VIRTUAL COMMUNITY	
Topics	CE/CME					
Module I: Pharmacogenomic Principles and Concepts	The objective of <i>PharmGenEd</i> is to increase awareness about current knowledge of the validity and utility of pharmacogenomic tests and the potential implications of benefits and harms from use of the tests. Our target population exceeds 100.000 healthcare professionals and students. Materials developed					
Module II: Evidence-Based Pharmacogenomic Recommendations for Clinical Practice	from Pharm participated presenting t	GenEd will be accessible to in the PharmGenEd train-th he PharmGenEd CE/CME m	healthcare profes ne-trainer program naterials to pharm	isionals who had n and are capab acists and phys	vé de of icians.	
an Overview	We openly share our matenais with others at no cost; however, all persons who receive any component of the <u>PharmGenEd Program</u> must complete an online registration process which includes acceptance of our <u>End-User Licensing</u>					
National Speakers						
Contact Us	teaching and research purposes and cannot be used for profit. To gain access to downloadable program materials from the <i>PharmGenEd</i> Internet site, please register here.					
	If you have and are inte PharmGenE	completed the PharmGenE rested in becoming a mem d, please contact us at pha	d train-the-traine ber of the Nation macogenomics@	r program for C al Speakers Bure Jucsd.edu.	E/CME eau for	

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	armacogenomics Education Program					
HOME ABOUT US	CE/CME SHARED CURRICULUM RESOURCES PUBCASTS VIRTUAL COMMUNITY					
Topics	Shared Curriculum					
Principles and Concepts	Because the field of pharmacogenomics is developing rapidly, it is critical that clinicians and students learn to appropriately interpret emerging data on pharmacogenomic tests and become familiar with resources applicable to their practice.					
Evidence-Based Recommendations for Clinical Practice: an Overview						
Oncology I	train future healthcare providers about the various pharmacogenomic tests and					
Oncology II	their applications to clinical practice. PharmGenEd collaborates with the American					
Psychiatry	Association of Colleges of Pharmacy (AACP) and uses a "Train-the-Trainer" anoroach to disseminate educational materials to faculty from all colleges of					
Cardiology	pharmacy in the U.S. The content materials will also be available to schools of					
Anticoagulation	medicine faculty members.					
Neurology	The PharmGenEd materials can be used in the classroom for students in the					
Infectious Diseases	health professions, or as training for licensed clinicians. Modules related to					
Other Diseases/Conditions	specific therapeutic areas will be developed in the coming months. We openly share our materials with others at no cost; however, all persons who receive any component of the <u>PharmGenEd Program</u> must complete an online registration process which includes acceptance of our <u>End-User Licensing</u>					
Laboratory Basis of Tests						
Clinical Applications	teaching and research purposes and cannot be used for profit.					
Ethical, Social, & Legal Issues	To gain access to downloadable program materials from the PharmGenEd					
Economic Perspectives	Internet site, please <u>register here</u> .					

Resou	rces - Pharmacogenomics Educ	380					
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	HOME ABOUT US	CE/CME SHARED CURRICULUM RESOURCES PUBCASTS VIRTUAL COMMUNITY					
	Resources	Resources					
	Resources	Drug Toxisity and Adverse: Drug Reactions Hirata K, Takagi H, Yamamoto M, Matsumoto T, Nishiya T, Mon K, Shimizu S, Masumoto H, Okutani Y. Ticlopidine-induced hepatotoxicity is associated with specific human leukocyte antigen genomic subtypes in Japanesic patients: a preliminary case-control study. Pharmacogenomics J. 2008 Feb;8(1):29-33. Epub 2007 Mar 6 PMID: <u>17339877</u> Ingelman-Sundberg M. Pharmacogenomic biomarkers for prediction of severe adverse drug reactions. N Engl J Med. 2008 Feb 7;358(6):637-9. PMID: <u>18256400</u> Mallal S, Phillips E, Carosi G, Molina JM, Workman C, Tormazic J, Jagel-Guedes E, Rugina S, Kozyrev O, Cid JF, Hay P, Nolan D, Hughes S, Hughes A, Ryan S, Fitch N, Thorborn D, Benbow A; PREDICT-I Study Team. HLA-0*5701 screening for					
	News and Publications						
	References						
	EGAPP Recommendations Textbooks						
	Journal Articles Drug Toxicity and Adverse Drug Reactions						
	Drug Response						
	Drug Transporter						
Suggestions	hypersensitivity to abacavir. <u>N Engl J Med</u> , 2008 Feb 7;358(6):568-79. PMID: <u>18256392</u>						
		SEARCH Collaborative Group, Link E, Parish S, Armitage J, Bowman L, Heath S, Matsuda F, Gut I, Lathrop M, Collins R. SLCO1B1 variants and statin-induced myopathya genomewide study. N Engl J Med. 2008 Aug 21;359(8):789-99. Epub 2008 Jul 2 PMID: <u>18650507</u>					
		Constant Martin & C. New Yorks M. Constant J. David S. Harvers M. Cons					















- No strong evidence to support costeffectiveness of pharmacogenomic tests
 - Currently being investigated
 - Willingness to pay from payers variable
- Unlikely to disrupt the current public health system
 - Gradual and incremental progression
 - Our system has flexibility to adapt (Garrison et al 2008)





