

Core Entrustable Professional Activities for New Pharmacy Graduates Appendix 2: Glossary

Term	Definition	References
Adverse effect/ Adverse drug event	An injury resulting from medical intervention related to a drug. This includes medication errors, adverse drug reactions, allergic reactions, and overdoses.	Health Care Quality and Patient Safety, Office of Disease Prevention and Health Promotion, U.S. Department of Health and Human Services. https:// health.gov/hcq/ade.asp. Accessed September 26, 2016.
Basic life support	Defined as a variety of noninvasive emergency procedures performed to assist in the immediate survival of a patient, including cardiopulmonary resuscitation, hemorrhage control, stabilization of fractures, spinal immobilization, and basic first aid.	Colwell CB, Soriya G. Basic Life Support. In: Vincent J-L, Hall JB, eds. Encyclopedia of Inten- sive Care Medicine. Berlin, Heidelberg: Spring- er;2012:285–288.
Basic non-sterile com- pounding (new term basic <795> USP compounding)	See reference for more information	United States Pharmacopeia. Pharmaceutical Compounding—NonSterile Preparations. http://www.usp.org/sites/default/files/usp_pdf/EN/gc795.pdf . Accessed October 24, 2016.
Basic sterile compounding (new term basic <797> USP compounding)	See reference for more information There is a USP dictionary or USP Compounding Compendium that might have a succinct definition	United States Pharmacopeia. Pharmaceutical Compounding—Sterile Preparations. http://www.usp.org/sites/default/files/usp_pdf/EN/USPNF/usp-gc-797-proposed-revisions-sep-2015.pdf . Accessed October 24, 2016.
Behavior change (include Motivational strategies)	Things people can do to for themselves to positively impact health outcomes	Prochaska JO, DiClemente CC, Norcross, JC. In Search of How People Change. <i>American Psychologist</i> . 1992; 27 (9), 1102–1114. Rollnick S, Miller WR, Butler CC. Motivational Interviewing in Health Care: Helping Patients Change Behavior. New York:The Guildford Press, 2008.
Communication skills	Communication skills include: active listening, non-verbal, clarity, confidence, empathy, open-mindedness, respect, feedback, and choosing the right medium.	Effective Interpersonal Communication: A Handbook for Healthcare Providers. http://ccp.jhu.edu/documents/EffectiveInterpersonalCommunication_HandbookforProviders_o.pdf . Accessed October 24, 2016.
Comprehensive Medica- tion review	Is an interactive, person-to-person or telehealth medication review and consultation of a beneficiary's medications (including prescriptions, over-the-counter (OTC) medications, herbal therapies, and dietary supplements) by a pharmacist or qualified provider that is intended to aid in assessing medication therapy and optimizing patient outcomes.	The Centers for Medicare & Medicaid Services. Medicare Part D Medication Therapy Management Program Standardized Format. https://www.cms.gov/ Medicare/Prescription-Drug-Coverage/Prescription- DrugCovContra/Downloads/MTM-Program-Standardized-Format-English-and-Spanish-Instructions-Samples-vo32712.pdf. Accessed 10/1/2016
Continuous professional development (CPD)	Examine and reflect on personal knowledge, skills, abilities, beliefs, biases, motivation, and emotions that could enhance or limit personal and professional growth.	Medina MS, Plaza CM, Stowe CD, Robinson ET, DeLander G, Beck DE, Melchert RB, Supernaw RB, Roche VF, Gleason BL, Strong MN, Bain A, Meyer GE, Dong BJ, Rochon J, Johnston P. Center for the Advancement of Pharmacy Education (CAPE) Educational Outcomes 2013. Am J Pharm Educ. 2013
Device/Self Monitoring Test (alternate term: Med- ical Device)	"an instrument, apparatus, implement, machine, contrivance, implant, in vitro reagent, or other similar or related article, including a component part, or accessory which is: (i) recognized in the official National Formulary, or the United States Pharmacopoeia, or any supplement to them; (ii) intended for use in the diagnosis of disease or other conditions, or in the cure, mitigation, treatment, or prevention of disease, in man or other animals, or intended to affect the structure or any function of the body of man or other animals, and which does not achieve its primary intended purposes through chemical action within or on the body of man or other animals and which is not dependent upon being metabolized for the achievement of any of its primary intended purposes."	Is the product a medical device? U.S. Food and Drug Administration. U.S. Department of Health and Human Services. http://www.fda.gov/Medical-Devices/DeviceRegulationandGuidance/Overview/ClassifyYourDevice/ucmo51512.htm . Accessed 9/30/2016.

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Disease management	Disease management is the concept of reducing health care costs and improving quality of life for individuals with chronic conditions by preventing or minimizing the effects of the disease through integrated care. Disease management programs are designed to improve the health of persons with chronic conditions and reduce associated costs from avoidable complications by identifying and treating chronic conditions more quickly and more effectively, thus slowing the progression of those diseases. Disease management is a system of coordinated heath care interventions and communications for defined patient populations with conditions where self-care efforts can be implemented. Disease management empowers individuals, working with other health care providers to manage their disease and prevent complications.	Concept series paper on disease management, Academy of Managed Care Pharmacy. http://www.amcp.org/WorkArea/DownloadAsset.aspx?id=9295. Accessed September 26, 2016.
Education plan/ educate	Educate all audiences by determining the most effective and enduring ways to impart information and assess understanding	Medina MS, Plaza CM, Stowe CD, Robinson ET, DeLander G, Beck DE, Melchert RB, Supernaw RB, Roche VF, Gleason BL, Strong MN, Bain A, Meyer GE, Dong BJ, Rochon J, Johnston P. Center for the Advancement of Pharmacy Education (CAPE) Educational Outcomes 2013. Am J Pharm Educ. 2013
Evidence-based medicine or evidence-based practice	The conscientious, explicit, and judicious use of current best evidence in making decisions about the care of individual patients. The practice of evidence-based medicine means integrating individual clinical expertise with the best available external clinical evidence from systematic research	Sackett D, Evidence-based medicine: how to practice and teach EBM. London, United Kingdom: Churchill Livingstone; 2002 Introduction to Evidence-Based Practice. http://
	and patient values.	guides.mclibrary.duke.edu/ebmtutorial. Accessed October 24, 2016.
Formulary	See reference for more information	American Society of Health-System Pharmacists Formulary Management. http://www.ashp.org/ http://www.ashp.org/ DocLibrary/BestPractices/FormEndPrinciples.aspx Accessed October 24 , 2016
		Academy of Managed Care Pharmacy. Formulary Management. http://www.amcp.org/WorkArea/Dowr loadAsset.aspx?id=9298. Accessed October 28, 2016.
Interprofessional/ Interprofessional team	Two or more professions working together collaboratively. Interprofessional is contrasted with the term interdisciplinary, which focuses on when two or more fields within the same profession interact.	World Health Organization (WHO). Framework for action on interprofessional education & collaborative practice. http://www.who.int/hrh/resources/framework_action/en/ . Accessed June 2013.
		Purden M. Cultural considerations in interprofessional education and practice. <i>J Interprof Care</i> . 2005 Supplement 1: 224–234.
Medication adherence	It is the extent to which patient take medications as pre- scribed by their health care providers. Assessing medication adherence requires a dialogue involving not only what the patient is doing, but how they are doing it.	Osterberg L, and Blaschke T. Adherence to Medication. <i>N Engl J Med.</i> 2005; 353:487–497.
Medication adherence aid	See reference for more information	Costa E, Giardini A, Savin M, et al. Interventional tools to improve medication adherence: review of literature. <i>Patient preference and adherence</i> . 2015;9:1303–1314.
Medication history	Medication reconciliation is the process of comparing a patient's medication orders to all of the medications that the patient has been taking. This reconciliation is done to avoid medication errors such as omissions, duplications, dosing errors, or drug interactions. It should be done at every transition of care in which new medications are ordered or existing orders are rewritten. Transitions in care include changes in setting, service, practitioner or level of care. This process comprises five steps: 1) develop a list of current medications; 2) develop a list of medications to be prescribed; 3) compare the medications on the two lists; 4) make clinical decisions based on the comparison; and 5) communicate the new list to appropriate caregivers and to the patient	The Joint Commission. Sentinel Event Alert, Issue 35: Using medication reconciliation to prevent errors. https://www.jointcommission.org/assets/1/18/SEA_35.PDF. Accessed October 24, 2016. R.D. Michels, S. Meisel, Program using pharmacy technicians to obtain medication histories, <i>Am J Health-Syst Pharm.</i> 2003; 60: 1982–1986.

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Medication related prob- lem	A DRP exists when a patient experiences or is likely to experience either a disease or symptom having an actual or suspected relationship with drug therapy	Strand LM, Morley PC, Cipolle RJ, Ramsey R, Lam sam GD. <i>DICP</i> . 1990;24(11):1093–7. Cipolle RJ, Strand LM, Morley PC, Pharmaceuti- cal care practice: The clinician's guide. New York: McGraw-Hill, 2004.
Medication Use Evaluation	Medication use evaluation is the process that helps the health care provider to determine whether a patient could benefit from a trial of a medication. It reveals if the trial would help to alleviate some or all of the symptoms known to be interfering with his/her optimal functioning. Medication evaluation focuses on evaluating and improving medication-use processes with the goal of optimal patient outcomes. Medication evaluation encompasses the goals and objectives of drug use evaluation.	ASHP Guidelines on Medication-Use Evaluation. Formulary management ASHP Guidelines on Medication-Use Evaluation, ASHP Formulary Management-Guidelines. https://www.ashp.org/DocLibrarBestPractices/FormGdlMedUseEval.aspx . Accesse on October 24, 2016
Patient-centered goals	Any care that is respectful of and responsive to individual patient preferences, needs, and values, and ensures that patient values guide all clinical decisions.	Institute of Medicine. Crossing the quality chasm: new health system for the 21st century/Committee on Quality Health Care in America, Institute of Medicine. National Academy Press. Washington, DC, 2001. http://iom.edu/~/media/Files/Report%20Files/2001/Crossing-the-QualityChasm/Quality%20Chasm%202001%20%20report%20brief.pdf . Accessed May 2013.
Patient's experience with medication	See reference for more information	Mohammed MA, Moles RJ, Chen TF. Medication-re lated burden and patients' lived experience with medicine: a systematic review and metasynthesis of qualitative studies. http://bmjopenbeta.bmj.com/content/6/2/e010035.full . Accessed October 24, 201
Transition of Care	The movement of a patient from one setting of care (hospital, ambulatory primary care practice, ambulatory specialty care practice, long-term care, home health, rehabilitation facility) to another.	Transitions of Care Summary, Eligible Professiona Meaningful Use Menu Set Measures Measure 7 of eHR Incentive Program, Regulations and Guidance Centers for Medicare and Medicaid Services. https://www.cms.gov/Regulations-and-Guidance/Legislation/EHRIncentivePrograms/downloads/8_Transition_of_Care_Summary.pdf. Accessed September 26, 2016.
Validated Screening Tool	Screening tool is an indicator for a quantitative measure of an aspect of patient care that is used to detect potential problems in quality of life of a patient. Validity refers to the degree to which a tool actually measures what it is designed to measure. Validity may be internal, which refers to the extent to which the results of a study accurately reflect the situation in reality, whereas external validity is the extent to which the study's results are applicable to other populations. In patient care, screening can be defined as the use of quick and simple test procedures to identify and separate people who may be at risk for a disease from those who probably do not have the disease.	Waltz CF, Strickland OL, & Lentz ER. Part II: Understanding Measurement Design. In: Waltz CF, Strickland OL, & Lentz ER, eds. Measurement in Nursing & Health Research. 4 th ed. New York NY: Springer Publishing Co; 2010:91–225.
Vital signs	Reflect essential body functions, including your heartbeat, breathing rate, temperature, and blood pressure.	Vital Signs, MedlinePlus: Trusted Health Information for You, U.S. National Library of Medicine. https://medlineplus.gov/ency/article/002341.htm. Accessed October 24, 2016.