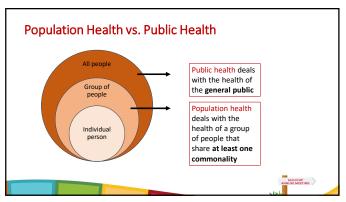


Objectives: 1. Describe an outpatient/community pharmacy-based patient care delivery model. 2. Explain how a pharmacy-based patient care model can engage in population health.



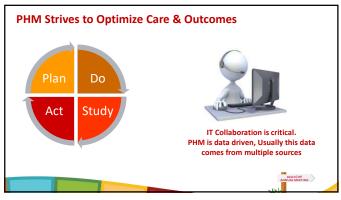
What Do We Mean When We Say Population Health? Older definition: "the health outcomes of a group of individuals including the distribution of such outcomes within the group." Newer definition: "measuring and optimizing the health of groups and in so doing embraces the full range of determinants of health, including health care delivery." 1. Kindig D and Stoddard G.What is Population Health? Am J Public Health. March 2003; 93(3): 380-3. 2. Gourewitch Marc. Population Health and the Academic Medical Center: The Time is Right. Academic Medicine. April 2014; 89(4): 544-549.

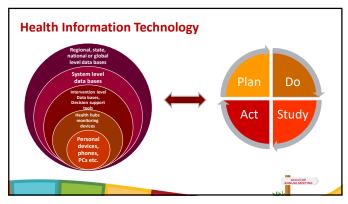
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What Are the Key Words and Process in Population Health Management? Newer definition: "measuring and optimizing" the health of groups and in so doing embraces the full range of determinants of health, including "health care delivery". Key words: Key words: Groups 1. Identify a population Determinants of Health Health care delivery Measuring and optimizing This process leads to Population Health Management through Population Based Care

5

Identify a Practical Intervention/Care Population Based Care is usually³ > Collaborative, connective, creative Interdisciplinary and transdisciplinary > Cross-sector, cross-system > Civic: local, regional, national > Global > Digital 1. Association of schools & programs of public health Population Health Initiative Overview February 2018





Cleveland Clinic Pharmacy Population Health Management (CCPPHM) Summit May 2017 Definition: "The active process of strategically utilizing health determinant data for a defined cohort to design, coordinate, and deliver high-quality, cost-effective, patient-centered care across the continuum, through optimizing communication, collaboration, and utilization of available resources with the goal of creating and sustaining health!" Roles for Pharmacists: + Preventative Care + Adherence management + Medication management + Disease State Management + Care Coordination + team based-care + innovative care models and delivery + Data analytics and informatics 1. Homesoft A. Mager Ct. and Nation 19. Population health management in a small health system: impact of controlled substances streamed ship in a patient centered medications. An 1 requisit Systems. 2017, 74:168-79.

Polling Question

The first step of a population health care model is to identify and define the intervention or care. True or False.

- A. True
- B. False

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10

History of Pharmacists in Prevention - as Immunizers

First organized group was 50 pharmacists in Seattle, Washington in late 1994.

Now all 50 states allow pharmacists to administer immunizations, but laws vary. There are 3 things to consider:

- Which vaccines can be administered (all FDA, CDC/ACIP-recommended, specific list)
- ${\it 2.} \ \ {\it Who prescribes them (Medical Provider/Protocol/Pharmacist independently)}$
- 3. Which patients (age limits)

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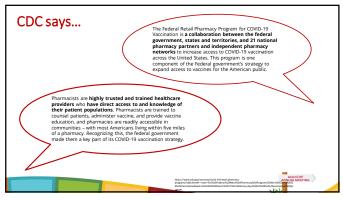
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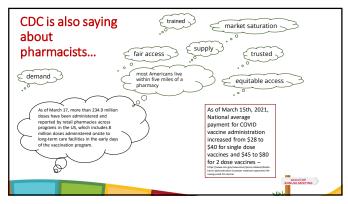


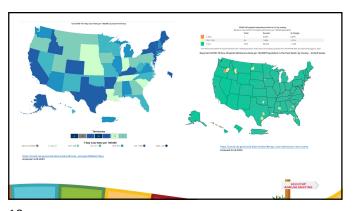










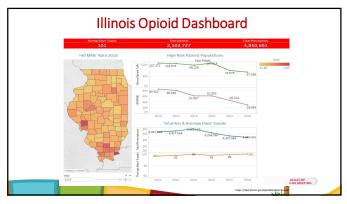


Preventative Care – Pharmacy Patients & Peeps

- Identify appropriate vaccines and appropriate patients in your pharmacy.
- Educate patients about benefits and dispel myths/concerns about vaccines
- Safely administer vaccines to patients via subcutaneous, intramuscular, intranasal, and intradermal routes.
- Create a sustainable immunization service
- Partner with stakeholders and a create a presence as an immunization center in your neighborhood.



19

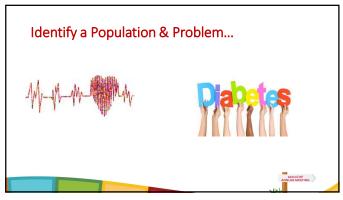


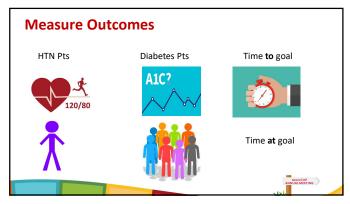
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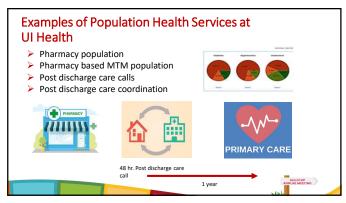
Opioid Care – Pharmacy Patients & Peeps

- Safe prescribing What type of opioid rxs are your patients on start low & go slow. If not, what can we do?
- Risk stratifying What kind of risk are you seeing 50 MME/90 MME
- Risk mitigation death prevention: Side effect counseling, access to Naloxone
- Referral to additional care/community resources

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Intervention	Anticipated Outcomes
Prevention	· · · · · · · · · · · · · · · · · · ·
Medication monitoring	Provide appropriate preventive medications Address medication access issues in the face of pandemic restrictions
Patient education	Educate patients about preventing coronavirus disease 2019 (COVID- 19) infection and symptoms of the disease Provide education on over-the-counter medications 'Increase patient self-efficacy and reduce adverse outcomes from medications."
Vaccinations	Reduce novel severe acute respiratory syndrome coronavirus 2 (SARS- CO-2) Tynammission when a vaccine becomes available Prevent outbreaks of vaccine-preventable diseases
Point-of-care testing	Increase access to COVID-19 testing and reduce transmission by early detection and quarantine of detected individuals
Management	·
Medication monitoring	Increase treatment success
Patient education	Educate patients about COVID-19 disease Increase patient self-efficacy and reduce adverse outcomes from medications
Medication therapy review	Optimize patient medication adherence and quality of life
Disease self-care and support	Ensure access when medical facilities are not accepting patients Empower patients, increase pharmacist role in multidisciplinary team, and improve population health
Point-of-care testing	Provide real-time point of care screening results for chronic disease management
Stand MA, Biblishing 3, Bullet M, Harby M, Millians C. Curmunity Pharmacists' Contribution (Bibliom Appeals in Prev Chinolic Dis 2020) 17. ISS <u>EL/Years ASS, Design State (2020/278</u> , ISS Bisled on Green R, Bisland 3, Genderis B, Neclar F, Chon K, Kreffer B, et al. Pharmacist-Wolfer (2010) 18. Inches S, Bisland S, Genderis B, Neclar F, Chon K, Kreffer B, et al. Pharmacist-Wolfer (2010) 18. Inches S, Genderis B, Neclar F, Chon K, Kreffer B, et al. Pharmacist-Wolfer (2010) 18. Inches S, Genderis B, Neclar F, Chon K, Kreffer B, et al. Pharmacist-Wolfer (2010) 18. Inches S, Genderis B, Neclar F, Chon K, Kreffer B, et al. Pharmacist-Wolfer (2010) 18. Inches S, Genderis B, Neclar F, Chon K, Kreffer B, et al. Pharmacist-Wolfer (2010) 18. Inches S, Genderis B, Neclar F, Chon K, Kreffer B, et al. Pharmacist-Wolfer (2010) 18. Inches S, Genderis B, Neclar F, Chon K, Kreffer B, et al. Pharmacist-Wolfer (2010) 18. Inches S, Genderis B, Neclar F, Chon K, Kreffer B, et al. Pharmacist-Wolfer (2010) 18. Inches S, Genderis B, Neclar F, Chon K, Kreffer B, et al. Pharmacist-Wolfer (2010) 18. Inches S, Genderis B, Neclar F, Chon K, Kreffer B, et al. Pharmacist-Wolfer (2010) 18. Inches S, Genderis B, Genderis B, et al. Pharmacist-Wolfer (2011) 18. Inches S, Genderis B, Genderis B, et al. Pharmacist-Wolfer (2011) 18. Inches S, Genderis B, Genderis B, et al. Pharmacist-Wolfer (2011) 18. Inches B, et al.	TILE_MED.) Per Chinec De 2010 17:20037. DOI: 1030/16.dia.org/10.3880pc.017.20037.eesk Miles (T). Thinked deader Management 1 is eystemble evene of effectivenessandhams compand with sould care (T). 2023 ICHP 2023 ICHP
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