

Partnering With Pharmacists to Advance Chronic Disease Prevention Efforts





### Agenda

- Welcome
- American Pharmacists Association Presentation
- Kansas Pharmacists Association Presentation
- State Sharing & Q&A
- Osteoarthritis Action Alliance Presentation
- Wrap Up



### Webinar Objectives

- 1. Provide information about ways that State Health Departments and community-based organizations can work with pharmacists, pharmacy staff, and pharmacy schools to promote and implement evidence-based interventions
- 2. Increase capacity of states to partner with pharmacists to advance arthritis public health strategies
- 3. Identify partners that CDC-funded grantees can leverage to advance arthritis public health strategies
- 4. Provide a platform to share tools and resources and brainstorm opportunities for collaboration and sustainability



### Housekeeping

- Rename yourself to include state or organization
- Use the chat box for questions during the presentation or present questions via speaking during Q&A
- Visit the Action on Arthritis website for recording, notes, and resources



### PARTNERING WITH PHARMACISTS TO ADVANCE CHRONIC DISEASE PREVENTION EFFORTS

#### American Pharmacists Association Foundation

- The APhA Foundation is a charitable, not for profit 501(c)(3) organization headquartered in Washington, DC, affiliated with the American Pharmacists Association (APhA)
- The mission of the APhA Foundation is to improve health by inspiring philanthropy, research and innovation that advances pharmacists' patient care services
- •The Foundation has been heavily involved in research related to involving pharmacists in chronic disease management
- •The APhA Foundation is 1 of 10 CDC DP17-1705 Cooperative Agreement Recipients, a 6-year grant whose goal is to enroll patients into CDC's National Diabetes Prevention Program (NDPP)



### Pharmacy Landscape:

- There are approximately 61,000 community pharmacies in the U.S.
- "Almost 90% of the U.S. population lives within 5 miles of a community pharmacy." 1
- Pharmacists are highly trained and highly accessible health care providers
- Great potential to be an access point for public health efforts
  - (e.g.) According to the CDC pharmacies administered over 287 million Covid vaccines
- Is there evidence that involving community pharmacists in community health efforts works?

# Brief History of Pharmacist Involvement in Chronic Disease Management

#### Asheville Project<sup>2-11</sup>

- Landmark community pharmacy study demonstrating that pharmacists providing appointment-based chronic disease management services improved care and decreased health care costs
  - North Carolina Association of Pharmacists sponsored project
  - City of Asheville health plan agreed to cover a benefit for plan members with chronic medical conditions (diabetes, hypertension, hyperlipidemia, asthma, depression)
  - 24 community pharmacists received training on the latest treatment guidelines
  - Participants voluntarily agreed to meet with program pharmacist at least quarterly
  - Appointment-based: Basic education, medication review, assess compliance, measure outcomes, goal setting, referral to prescriber when plan needed to be adjusted
  - Pharmacists paid for sessions
  - Participants were provided a financial incentive: Zero co-payments on condition related medications

# Brief History of Pharmacist Involvement in Chronic Disease Management

- Asheville Project<sup>2-11</sup>
  - Outcomes:
    - <u>Diabetes</u>: (187 participants, 5-year study) improved A1c, blood pressure, cholesterol levels, and decreased total health care costs by over \$2,000/participant/year
    - <u>Cardiovascular</u>: (600 participants, 6-year study) improved blood pressure control and cholesterol levels. ER visits/hospitalizations cut in half.
       Strokes/heart attacks cut in half
    - Asthma: (200 participants, 5-year study) reduced ER visits from an average of 1.7 participant/year to less than 0.2/participant/year

# Brief History of Pharmacist Involvement in Chronic Disease Management

- Project IMPACT<sup>12-46</sup>
  - APhA Foundation program to "refine", "scale", and "implement" the Asheville model (5,200 patients cared for across all projects)
    - Replicated the Asheville diabetes management model in 10 cities, with similar outcomes
    - Project IMPACT: Hyperlipidemia
      - Medication compliance improved to 90% and 62.5% of group achieved NCEP ATP III goals
    - Project IMPACT: Osteoporosis
      - 78% of patients screened indicated no prior knowledge of their risk and 70% (of 532) were found to be at high or moderate risk for future fracture
    - Project IMPACT: Depression
      - Statistically significant improvements in PHQ-9 scores, 68% response rate and 56% remission rate
    - Project IMPACT: Immunizations
    - Project IMPACT: Diabetes Prevention, CDC collaborative/1705 (ongoing)

# "If this is so great, why isn't everyone doing it?" What are the barriers?



- The primary barrier is - payment
- Two things need to happen at the same time for this to be a national model
  - Large payers to cover clinical services (to gain the interest of pharmacy owners)
  - A large number of pharmacies are needed to provide the services (to gain the interest of large payers)
- One of the reasons the APhA Foundation applied for 1705 funds was to use these funds to help develop a national network of pharmacies to provide NDPP, with the goal of expanding to other disease management offerings



### Summary of 1705 Activity

- The APhA Foundation is one of ten 1705 recipients
- Partnered with Kroger Pharmacies/growing number of community pharmacies to implement NDPP
- Offer the program nationally via Distance Learning, plus In-person which is currently restarting post-pandemic
- The Foundation has recently been recognized as an Umbrella Hub Organization
- The Foundation is applying to become an approved MDPP Supplier



### Opportunities for Collaboration

- Work with state pharmacy associations to help identify pharmacies willing to partner in chronic disease initiatives
- Work with state pharmacy associations and/or schools of pharmacy to develop continuing education programs for pharmacists that exposes them to the Arthritis Foundation's Walk With Ease program
  - Perhaps some pharmacies could become referral sites for WWE
  - They would need some compensation/incentive to do so
- Although it would be a heavy lift, consider a pilot program using the appointment-based Asheville Model to address arthritis<sup>47</sup>



### CONTACT INFORMATION

Barry Bunting: bbunting@aphanet.org



- 1. Access to Community Pharmacies: A Nationwide Geographic Information Systems Cross-Sectional Analysis. DOI: https://doi.org/10.1016/j.japh.2022.07.003
- 2. Cranor CW, Bunting BA, Christensen DB. The Asheville Project: long-term clinical and economic outcomes of a community pharmacy diabetes care program. J Am Pharm Assoc. 2003;43:173-84.
- 3. Garrett DG, Martin LA. The Asheville project: participants' perceptions of factors contributing to the success of a patient self-management diabetes program. J Am Pharm Assoc (Wash). 2003;43:185-190.
- 4. Bunting BA, Cranor CW. The Asheville Project: long-term clinical, humanistic, and economic outcomes of a community-based medication therapy management program for asthma. J Am Pharm Assoc. 2006;46:133-47.
- 5. Lee GC, Mick T, Lam T. The Hickory project builds on the Asheville Project an example of community-based diabetes care management. J Manag Care Pharm. 2007;12:531-533.
- 6. Bunting, Barry A. Smith, Benjamin H., Sutherland, Susan. Clinical and economic outcomes of a community-based long-term medication therapy management program for hypertension and dyslipidemia. J Am Pharm 2008. 48:23-31.
- 7. Fera T, Bluml BM, Ellis WM. Diabetes Ten City Challenge: final economic and clinical results. J Am Pharm Assoc (2003). 2009;49:383-391.
- 8. Bunting BA, Lee G, Knowles G, Lee C. The Hickory Project: controlling healthcare costs and improving outcomes for diabetes using the asheville project model. Am Health Drug Benefits 2011;4(6)343-350. <a href="https://www.AHDBonline.com">www.AHDBonline.com</a>
- 9. Finley PR, Bluml BM, Bunting BA, Kiser SN. Clinical and economic outcomes of a pilot project examining pharmacist-focused collaborative care treatment for depression. J Am Pharm Assoc 2011;51:41-49.



10. Bunting BA, Lee GC, Knowles G, et al. The Hickory Project: Controlling healthcare costs and improving outcomes for diabetes using the Asheville model. Am Health Drug Benefits.

2011;4(6):343-350.

11. Bunting BA, Nayyar D, Lee C,. Reducing Health Care Costs and Improving clinical Outcomes Using an Improved Asheville Project Model. Innovations In Pharmacy. 2015, Vol.6, No. 4. Article 227

(1-13)

- 12. Importance of Quality Measurement and Improvement in Pharmacy Practice. J Am Pharm Assoc. 1998 Jul-Aug;38(4):413-4.
- 13. Interim Report from Project ImPACT: Hyperlipidemia. Collaborative Practice Model Shows Promise for Improving Patient Care J Am Pharm Assoc. 1998 Sep-Oct;38(5):529-34
- 14. Designing Solutions for Securing Patient Privacy Meeting the Demands of Health Care in the 21st Century. J Am Pharm Assoc. 1999 May-Jun;39:402-7.
- 15. Health Care Trends, Part 2. The New Health Care Team. Physician Executive. 1999 Jul-Aug; 25(4):67-75.
- 16. Pharmaceutical Care Services and Results in Project ImPACT: Hyperlipidemia. J Am Pharm Assoc. 2000 Mar-Apr; 40:157–65.
- 17. Pharmacists Can Look to National Effort for Help in Improving Patient Safety. J Am Pharm Assoc. 2001 Mar-Apr;41(2):341-3.
- 18.. Compliance Action Program: An Opportunity to Fight the Nation's Leading Cause of Death. J Am Pharm Assoc. 2001 Jul-Aug;41(4):623-5.
- 19. Institute for Safe Medication Practices: Creating a Safer Health Care Environment. J Am Pharm Assoc. 2002 Jan-Feb;42(1):126-8
- 20. Improving Medication Use through Pharmacists' Access to Patient-Specific Health Care Information. J Am Pharm Assoc. 2002 Jul-Aug; 42(4):638-45.



- 21. The Asheville Project: Participants' Perceptions of Factors Contributing to the Success of a Patient Self-Management Diabetes Program. J Am Pharm Assoc. 2003 Mar-Apr;43:185–90.
- 22. Pharmacists' Opinions Regarding Level of Involvement in Emergency Preparedness and Response. J Am Pharm Assoc. 2003 Nov-Dec;43(6):694-701
- 23. Regional Osteoporosis Screening, Referral, and Monitoring Program in Community Pharmacies: Findings from Project ImPACT: Osteoporosis. J Am Pharm Assoc. 2004 Mar-Apr;44:152–160.
- 24. Patient Self-Management Program for Diabetes: First-Year Clinical Humanistic and Economic Outcomes. J Am Pharm Assoc. 2005 Mar-Apr;45:130-137.
- 25. Definition of Medication Therapy Management: Development of Professionwide Consensus. J Am Pharm Assoc. 2005 Sep-Oct;45:566-572.
- 26. Medication Therapy Management in Community Pharmacy Practice: Core Elements of an MTM Service (Ver.1.0). J Am Pharm Assoc. 2005 Sep-Oct;45:573-579.
- 27. The Diabetes Ten City Challenge: Interim Clinical and Humanistic Outcomes of a Multisite Community Pharmacy Diabetes Care Program. J Am Pharm Assoc. 2008 Mar-Apr;48:181–90.
- 28. Medication Therapy Management in Pharmacy Practice: Core Elements of an MTM Service Model (Version.2.0). J Am Pharm Assoc. 2008 May-Jun;48:341-353.
- 29. The Pharmacists Guide to Compensation for Medication Therapy Management Services. APhA, ISBN 978-1-58212-096-6, October 2008.
- 30. The Diabetes Ten City Challenge: Final Economic and Clinical Results. J Am Pharm Assoc. 2009 May-Jun;49:e52-e60.
- 31. White paper on expanding the role of pharmacists in chronic obstructive pulmonary disease. J Am Pharm Assoc. 2011 Mar-Apr;51:e20-e28.
- 32. Consortium recommendations for advancing pharmacists' patient care services and collaborative practice agreements. J Am Pharm Assoc. 2013 Mar-Apr;53:e132–e141.
- 33. Project ImPACT: Hypertension Outcomes of a Pharmacist-Provided Hypertension Service. INNOVATIONS in Pharm. 2013 Oct; 4(3): 126.



- 34. Cognitive memory screening and referral program in community pharmacies in the United States. Int J Clin Pharm. 2013 Dec; DOI 10.1007/s11096-013-9904-7.
- 35. Pharmacy's Appointment Based Model: a prescription synchronization program that improves adherence. APhA Foundation website. Sept 2013.
- 36. Pharmacy's Appointment Based Model Implementation Guide for Pharmacy Practices. APhA Foundation website. Sept 2013.
- 37. Collaborative Practice Agreements and Pharmacists' Patient Care Services: A resource for pharmacists. CDC website. Dec 2013.
- 38. Collaborative Practice Agreements and Pharmacists' Patient Care Services: A resource for doctors, nurses, physician assistants, and other providers. CDC website. Dec 2013.
- 39. Collaborative Practice Agreements and Pharmacists' Patient Care Services: A resource for government and private payers. CDC website. Dec 2013.
- 40. Collaborative Practice Agreements and Pharmacists' Patient Care Services: A resource for decision makers. CDC website. Dec 2013.
- 41. Improving Outcomes for Diverse Populations Disproportionately Affected by Diabetes: final results of Project IMPACT: Diabetes. J Am Pharm Assoc. 2014 Sep-Oct; 54:477-485.
- 42. Integrating Pharmacists into Diverse Diabetes Care Teams: Implementation Tactics from Project IMPACT: Diabetes. J Am Pharm Assoc. 2014 Sep-Oct; 54:538-541.
- 43. Patient Credentialing as a Population Health Management Strategy: A Diabetes Case Study. Pop Health Management. 2015 June; DOI: 10.1089/pop.2014.0069.
- 44. Evaluation of the Impact of an Innovative Immunization Practice Model Designed to Improve Population Health: Results of the Project IMPACT Immunizations Pilot. *Pop Health Management.* 2017 June; DOI: 10.1089/pop.2017.0049.
- 45. Evaluating the Impact of Year-Long, Augmented Diabetes Self-Management Support. Pop Health Management. 2019 Jan 22; DOI: 10.1089/pop.2018.0175.
- 46. History and Justification of a National Blood Pressure Measurement Validated Device Listing. Hypertension. 2019 Feb;73(2):258-264. DOI: 10.1161/HypertensionAHA.118.11990.
- 47. Marra CA, Cibere J, Grubisic M, et al. Pharmacist-initiated intervention trial in osteoarthritis: a multidisciplinary intervention for knee osteoarthritis. Arthritis Care Res (Hoboken). 2012 Dec;64(12):1837-45. doi: 10.1002/acr.21763. PMID: 22930542. https://pubmed.ncbi.nlm.nih.gov/22930542/

# Pharmacy Engagement in Lifestyle Management Programs

Aaron Dunkel, Executive Director, Kansas Pharmacists Association Courtney Johnson, PharmD, Hesston Pharmacy

### Pharmacist Practice Sites





- Community Pharmacy (aka retail)
  - National chain pharmacies (Walgreens, CVS, Kroger)
  - Regional chain pharmacies (Price Chopper, Meijer, HEB)
  - Local independent pharmacies
- Health Systems
  - Ambulatory care (clinic based) pharmacists

### **Doctor of Pharmacy Training**

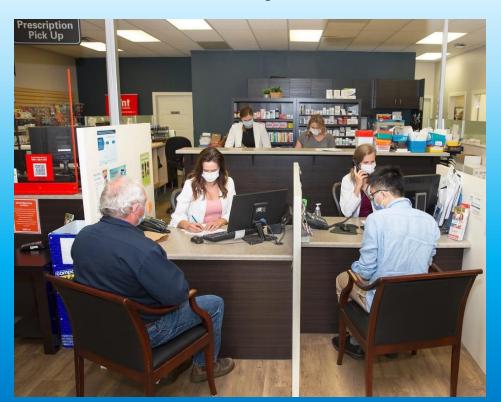


- Over the counter medication recommendation and counseling
- Medication Therapy Management (MTM)
  - Optimization of prescription and non-prescription medications
- Chronic Disease Management (CDM)
  - MTM
  - Lifestyle modifications
    - Patient self-management
    - 5 A's of intervention
    - Motivational interviewing



### Pharmacy Technician Training





- National certification test required in most states
- Community health worker (CHW) training being implemented in several states
- Pharmacy technicians may perform vital signs, point of care tests, and immunization administration

### Sustainability Challenges



- Retail prescription product payments declining
  - Historically would include sufficient payment for counseling
  - Loss of ~1/3 independent pharmacies in past decade
- Limited payment opportunities beyond product-based payments and "incident-to" billing that requires a physician
  - DSME/DPP
  - Medicare Part D complete medication reviews
- Developing opportunities
  - Point of care testing, tobacco cessation
  - Federal provider status, enhanced MTM model (Medicare Part B/D)



### How to connect with pharmacies (





- State pharmacy association
- Rural pharmacies all pharmacy phone numbers available through internet
- Chain pharmacies will likely need to ask around for a regional clinical manager

### Hesston Pharmacy & Harvey Drug

- Population 3500, approximately 35 minutes north of Wichita, KS
- Family-owned pharmacies



### Hesston Pharmacy & Harvey Drug



- Clinical services
  - Immunizations
  - Point of care testing
  - Medication synchronization
  - Adherence packaging
  - MTM services
  - Community Health Worker provides delivery service





### Hesston Pharmacy & Harvey Drug





- Lifestyle management programs
  - Diabetes self-management
    - In process of accreditation
  - Blood pressure self-management pilot project
    - 16 patients in 2022
    - Frequent check-ins promoting healthy lifestyle
    - Incorporating patient-set SMART goals for accountability in 2023

### LMH Health Ambulatory Care Clinics

A RMACIO

- Chronic disease management
  - Anticoagulation
  - Asthma/COPD
  - Diabetes
  - Heart disease (blood pressure, heart failure, cholesterol)
  - Osteoporosis
  - Tobacco cessation
- Weight loss consults
  - Primarily for hip/knee surgeries due to osteoarthritis
  - Physical activity limited
  - Medications as adjunctive therapy when indicated



### Questions?

CourtneyJ@hesstonpharmacy.com
Aaron@ksrx.org



### **State Sharing & Q&A**



#### **OACareTools**

Resources for Pharmacists, Employers, and Adults with OA

Arthritis Council December 6, 2022



### **OACareTools**

A Toolkit for Preventing and Managing Osteoarthritis (OA)

From the Osteoarthritis Action Alliance

OA IS COMMON & COSTLY

U.S. adults have OA

#### **Z** AUDIENCES

- HEALTHCARE PROVIDERS
- EMPLOYERS
- ADULTS WITH OA



















FUNCTIONAL ASSESSMENTS



#### **PATIENTS**



SELF-MANAGEMENT EDUCATION



### http:// oacaretools.org

GOOD NEWS! THERE ARE STRATEGIES
TO HELP PREVENT AND MANAGE OA



#### OAAA

As a national public health organization, the OAAA is committed to elevating OA as a national health priority and promoting effective policy solutions and resources that address the individual and national toll of OA.

#### OA Learning Modules

- Relevant content for Pharmacists
  - Clinical Management of OA
  - Comorbidities and Co-Occurring Symptoms
  - Engaging Patients in OA Management Strategies
  - Community & Patient Resources
  - Case Studies



OA Prevalence and Burden



OA Prevention



Engaging Patients in OA Management Strategies



Community and Patient Resources



Clinical Management of OA



Case Studies



Comorbidities and Co-Occurring Symptoms



OA Pathogenesis and Risk Factors



OA Signs and Symptoms

#### Resources for Healthcare Providers

#### **Clinical Management of OA**



Interpreting the 2019 ACR Guidelines



**Topical & Oral Analgesics for OA Pain Management** 



#### Resources for Healthcare Providers & Adults

#### **Self Management of OA**



#### Getting Started with Physical Activity for Arthritis

Physical activity is one strategy for managing pain from osteoarthritis (OA).1 it helps increase strength, range of motion, and stability in loists," it may also help improve your function and your ability to manage your weight and other health conditions like heart disease and disbetes.3 Oil, physical activity may help reduce OA pain, but what type of movement is best? Talk to your doctor about an exercise program that may be right for you. Then get started with these 2 leavic steps: Learn what counts as physical activity Set SMART goals to add more activity in your day safely and effectively. Find your "FITT": Learn what counts as physical activity sint-friendly Activ Frequency: Start low and go slow, particularly if you have not been stercining. Gradually increase frequency as you become stronger and more confident. However, the goal abouild be to move more every day? belansity: Measure how hard you are working with the talk test. You should be able to "talk" but not "king" during moderate activity." Time: Aim for a weekly goal of 150 minutes of moderate aerobic activity. Try breaking this time into shorter blocks of activity if necessary.1 Type: Mix it up! Do a combination of aerobic (3-5 days a week), etreophening (2 days a week), and balance/flexibility (3 days a week) assections." provider school your strender progress where, relability or the Check out this online quide to custom: "FHT" an exercise planbased on your current level of physical activity. Set SMART goals to add more activity into your day safely and effectively Due the worksheet on the other side to make physical activity goals for yourself

Getting Started with Physical Activity for Arthritis

#### **Exercise Rx for Arthritis**



#### Resources for Adults with OA

#### **Self Management of OA**

#### **Find Your Path through Joint Pain**



### Dealing with Osteoarthritis or Joint Pain?



#### Resources for Adults with OA

#### **Self Management of OA**

#### Learn to Live a Full Life with OA



Are you experiencing stiffness, swelling and/or pain in your joints? It could be caused by osteoarthritis (OA). Osteoarthritis is the most common type of arthritis.

You don't have to live with joint pain. Even though there is no cure for OA, there are many options to manage OA, pain. Remember that people respond differently to treatments, so you may need to try several methods (or a combination of methods) to help you manage your OA symptoms. Talk to your healthcare provider about your treatment options.

It's important to get started today. For most people, OA could get worse over time if symptoms are not addressed now.

Take steps today to get on the path to less joint pain.

Recommended Treatments for OA



Socialetine for the Management of Osteoarthnitis of the Hand, Hg, and Knee. Arthritis Rheumatol. 2020;72:220-233.

NSAIDs: Non-steroidal anti-inflammatory drugs (e.g., baprofen, suprocess addum).

#### **Questionable Treatments**

There is little scientific evidence that the following alternative treatments are effective or safe to address OA pain. Combining any medications (over-the-counter of prescription) carriers risk. It is important that you discuss any non-prescribed medications or supplements with your healthcare provider.

- CBD products
- · Glucosamine supplements
- Vitamine & Minarale
- Fish oil
   Herbal treatments

#### The Weight and Osteoarthritis Connection



Did you know that your joint pain and your weight may be connected?

Osteoarthritis (OA) is the most common type of arthritis. OA can be caused by excess body weight, aging, a prior joint injury, being female, genetics, and excessive/repetitive movement from certain jobs or sports. For most people, OA can get worse over time if you don't address the symptoms now.

Losing weight isn't easy, but it could mean a world of difference for joint pain. Weight loss might help relieve some of the stiffness, swelling and pain in your joints from OA. Here are some tips to get you started.



CHOOSE MY PLATE - choosemyplate.gov

Learn about healthy eating, meal planning and

FIND AN EXPERT – eatright.org/find-an-expert Find a Registered Dietitian Nutritionist in your area who can help you develop a weight management plan.



#### Resources for Adults with OA

#### **Self Management of OA**

#### Take One Step Forward: Stay Active with OA



Take One Step Forward: Stay Active with Osteoarthritis



**IMPORTANT** 

Stiffness, swelling and pain in your joints from osteoarthritis (OA) should not keep you from your favorite activities. There is a common myth that being active could make your joint pain symptoms worse, but the opposite is true! Doing simple exercises to build your strength and keep your body moving can reduce your pain and stiffness.

Osteoarthritis (OA) is the most common type of arthritis. For most people, OA can get worse over time if you don't address the symptoms now.

#### Find your fit

Not every type of exercise is for everyone. Experiment to find the kind that works for you. The key is finding something that you enjoy and can stick with over time. Remember that as your symptoms change over time, you may need to adjust your activity and try a different exercise routine.

#### **Arthritis-Friendly Exercises**

Low-impact activities can keep you moving and help build attength. Whatever you choose, start with just 10-15-minutes or less and build up your endurance over time. Try to do your exercise at least three times a week to get you on the road to less joint pain.

Eventually, aim for exercising at least five days a week.



- Walking Take a short walk around the neighborhood. Did you know that people
  who walk with a friend human or furry actually spend more time walking than
  those who go it alone?
- Water Exercise Water aerobics or swimming can help build strength while relieving joint pain.
- Yoga Build strength, improve flexibility, increase blood flow and calm your mind with a gentle yoga session.
- Stretching and strengthening exercises Regular stretching and strengthening will help improve your range of motion and strengthen your muscles to make your everyday activities easier to get done.

### Understanding Your Joint Pain: Know the Signs and Symptoms of OA



Understanding Your Joint Pain: Know the Signs & Symptoms of Osteoarthritis



Joint pain is common, but you shouldn't have to "just live" with it. There are many ways to reduce joint pain so you can stay active your entire life.

Osteoarthritis (OA) is the most common type of arthritis, especially among older people. OA symptoms vary by the individual. For most people, OA can get worse over time if you don't address the pain and symptoms now.

What is OA? Osteoarthritis mostly affects cartilage. The surface layer of cartilage breaks down and wears away. This allows bones under the cartilage to rub together, causing pain, swelling and loss of motion of the joint. Over time, these changes can affect the bones, tendons, and other joint tissues.

What are some of the causes of OA? Risk factors or causes of OA include aging, excess body weight, a prior joint injury, being female, genetics, and excessive/ repetitive movement from certain jobs or sports.



#### **OA Signs & Symptoms**

- · Joint pain typically in the hands, knees, feet, neck, hips and spine
- · Several minutes of stiffness in a joint after getting out of bed or sitting for a long time
- · Mild swelling or tenderness in one or more joints

What is the difference between OA and RA? Rheumstold arthritis (RA) affects far flewer people than OA. RA is an autoimmune disease in which the body's immune system attacks. Its tissues, including joints and organs. As compared to RA, OA affects only the joints, which causes changes to a joint's cartilage, shape, and movement.

There is no cure for arthritis - however, joint pain and OA symptoms can be managed through treatment, lifestyle changes and education. Make an appointment with your healthcare provider and use the Talking With My Provider Worksheet to get you moving on a path to less joint pain.

Visit ogaction.unc.edu/iointpain for more information.

#### Resource Links:

- OACareTools Lunch & Learn: <a href="https://youtu.be/1KF94WbzLMI">https://youtu.be/1KF94WbzLMI</a>
- September Arthritis Council Presentation: <a href="https://vimeo.com/747024536">https://vimeo.com/747024536</a>

- OACareTools toolkit: <a href="https://oacaretools.org">https://oacaretools.org</a>
- OAAA Online Resource Library: Living Better with Osteoarthritis <a href="https://oaaction.unc.edu/JointPain">https://oaaction.unc.edu/JointPain</a>



### Discussion

**Tools and Resources** 



### Wrap Up and Closing



### **Funding Opportunity**

The NACDD/CDC Active People Healthy Nation Walkability Virtual Academy (WVA) is now live!

Applications are due by January 13, 2023

https://chronicdisease.org/page/wai/



### NACDD ENGAGE Community Updates

- Action on Arthritis Community Notifications
  - All users are now enrolled to receive weekly community digest

https://engage.chronicdisease.org/home

Contact Lisa/Heather if you need help creating an account

### Thank you!

