

A MEANINGFUL LIFE WITH ALZHEIMER'S DISEASE

Friday, November 11, 8:45 a.m.-12:50 p.m.

Moved to virtual ONLY!

Zoom link to be provided upon registration.

REGISTRATION COST

- \$30** Healthcare professionals
- \$15** Students and Family Caregivers
- FREE** Individuals living with a dementia diagnosis

CONFERENCE AGENDA

8:45 a.m. | *Introduction of Conference and Welcome* - Peter Lichtenberg, Ph.D, APBB, Director of the Institute of Gerontology

8:55 a.m. | *Cognitive Decline in the Time of COVID and Social Isolation* - Irving Vega, Ph. D.

10:25 a.m. | Break

10:30 a.m. | *How to Assess Pain within Cognitively Declining Individuals* - Dr. Linda Keilman, DNP, RN, GNP-BC, FAANP

12 p.m. | *Learning from the Dementia Journey* - Jim Mangi, Alzheimer's Association volunteer and caregiver

12:30 p.m. | *Closing Remarks* - Jennifer Lepard, President & CEO, Alzheimer's Association Michigan Chapter

CONFERENCE SPEAKERS

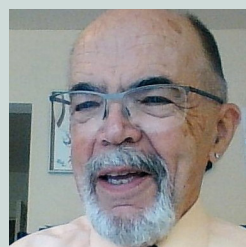


Irving Vega, Ph. D.

Irving E. Vega, Ph.D., serves as a Michigan Alzheimer's Disease Center expert and associate professor of translational neuroscience and the director of the Integrated Mass Spectrometry Unit at Michigan State University. Dr. Vega's research is directed toward the understanding of how neurons respond to the presence of pathological tau in different brain regions.

Dr. Linda Keilman, DNP, RN, GNP-BC, FAANP (1.5 Pain CEUs)

Dr. Linda Keilman has been a nationally certified Gerontological Nurse Practitioner since 1989 and teaching nursing since 1983. She has been a faculty member in the College of Nursing at MSU since 1992 her current MSU Health Team practice is providing primary care for residents in long-term care.



Jim Mangi

Jim Mangi is a Vietnam veteran, a scientist, and founder and owner of a nationwide consulting firm—none of which prepared him for his retirement career as a caregiver for his wife, who is now in her 14th year of living with Younger Onset Alzheimer's disease. Jim is now a volunteer Community Educator for the Alzheimer's Association, and a dementia awareness activist.

QUESTIONS? Contact Jean Barnas, Alzheimer's Association Program Services Director: jbarnas@alz.org | 248.996.1033

REGISTER ONLINE AT <https://shop.prod.wayne.edu/iog/iog/>

EARN 3.5 CEs including 1.5 Pain CEUs!

3.5 CONTACT HOURS NURSING: This activity has been submitted to the Ohio Nurses Association (OBN-001-91) for approval to award contact hours, The Ohio Nurses Association is accredited as an approver of continuing nursing education by the American Nurse Credentialing Center's Commission of Accreditation.

3.5 CE SOCIAL WORK: Institute of Gerontology, Wayne State University is an approved provider with the Michigan Social Work Continuing Education Collaborative. Approved Provider Number: MICEC-0066.

3.5 CE Occupational Therapy (OT)

3.5 CE Physical Therapy (PT)

This program is Approved by the National Association of Social Workers (Approval #0068) for 3.5 (1.5 CE Pain) continuing education contact hours.

Certificate of Attendance for other disciplines including General, Case Managers, Recreational Therapists Certificate will be issued after total completion of program. Evaluation, sign in required.

Contact Donna MacDonald for questions regarding Continuing Education Credits at donnamacdonald@wayne.edu or 313.664.2605.

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The Michigan Alzheimer's Disease Research Center is committed to memory and aging research, clinical care, education, and wellness.

The center collaborates with other research institutions across the state including Wayne State University and Michigan State University, as well as local outreach organizations including the Alzheimer's Association to enhance groundbreaking research efforts and community education. The center is also one of 33 other National Institutes of Health-funded Alzheimer's Disease Research Centers across the country.



alzheimers.med.umich.edu
UM-Ask-MADC@med.umich.edu
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  @umichalzheimers

Interested in getting involved in research studies?

Please call Kate Hanson at 734-936-8332 or visit alzheimers.med.umich.edu/research for a list of currently enrolling studies.

Interested in learning about upcoming educational events?

To stay informed of upcoming events, please email Erin Fox at eefox@med.umich.edu to subscribe to our monthly e-newsletters.

Interested in learning more about our wellness programs?

Please call Ashley Miller at 734-615-8293 or visit alzheimers.med.umich.edu/wellness-initiative.

Interested in learning about our Lewy body dementia programs?

Please contact Renee Gadwa at 734-764-5137 or visit alzheimers.med.umich.edu/lbd.

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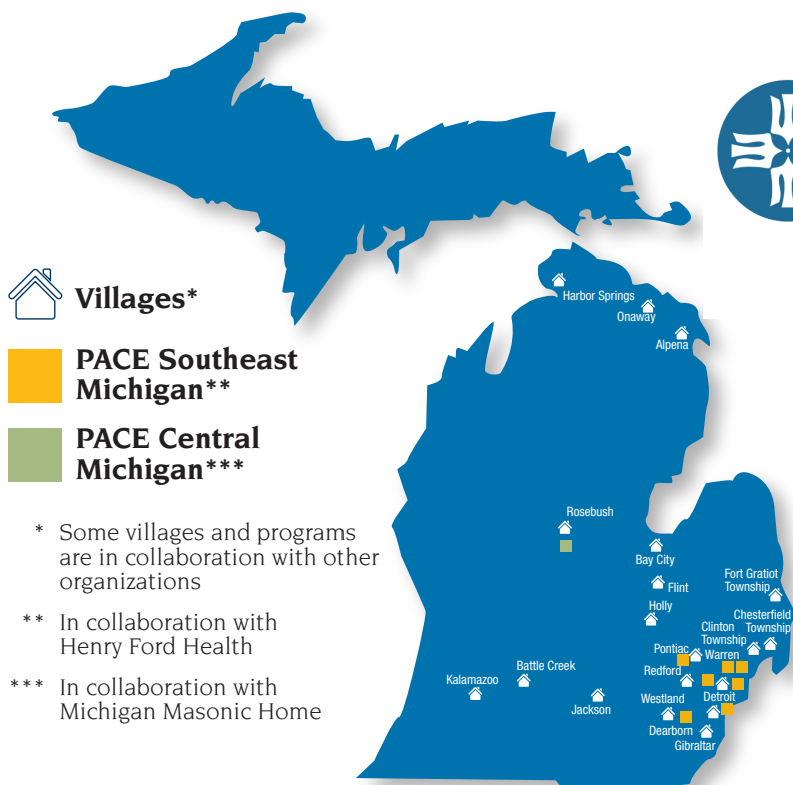
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Email: CaregiverResources@hfhs.org

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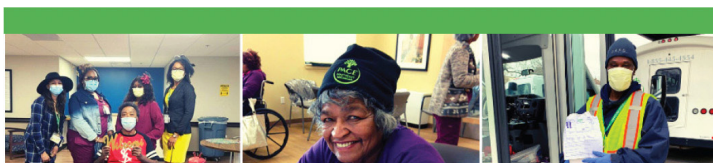
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Participants will be **compensated**



All financial records will be de-identified and information kept **confidential**



Interviews will take place **over the telephone**



Peter Lichtenberg, PhD
Principle Investigator and Director
of the Institute of Gerontology
Wayne State University



INSTITUTE OF GERONTOLOGY

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Because the links between early memory loss and a decline in wealth are on the rise, the WSU Institute of Gerontology is seeking to interview older adults aged 60+.

The interview will examine financial decision-making and financial management as well as completion of cognitive tests and other measures. A review of financial records from a primary checking account and credit card account will be included. Interviews will be scheduled at your convenience.



If interested,
contact Vanessa Rorai at
313-664-2604
or **vrorai@wayne.edu**

The WALLET Study: Wealth Accumulations & Later-life Losses in Early cognitive Transitions

What to expect if you participate in the study:

1. Vanessa Rorai will ask you screening questions to determine if you are eligible to participate in the study.
2. If you are eligible, Vanessa will send you our consent form that describes in detail all aspects of the study for your review.
3. After you review the consent form and agree to participate, Vanessa will begin the process of obtaining 12-months of bank statements.
4. Once Vanessa receives the bank statements she will completely de-identify all bank records. She will then contact you to schedule two interviews. The interviews can be done via telephone or video call. Interviews are scheduled based on your availability and typically within a week of receiving the bank statements..
5. The first interview is with Vanessa, it will take approximately 45 minutes. She will ask questions about your physical and mental health, feelings of stress, and how you are organized financially.
6. The second interview is with Peter Lichtenberg, it will take approximately 1 hour. He will ask more in-depth questions about financial decision-making, financial management, and your cognitive health.
7. After the interviews are completed, Vanessa will send you a compensation form to sign. Once she receives the signed form we will mail you a check for \$100 and your participation in the study is complete.



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Irving E. Vega, PhD, serves as a Michigan Alzheimer's Disease Center expert and associate professor of translational neuroscience and the director of the Integrated Mass Spectrometry Unit at Michigan State University. Dr. Vega's research is directed toward the understanding of how neurons respond to the presence of pathological tau in different brain regions.

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Cognitive Decline in the Time of COVID and Social Isolation

Irving E. Vega, PhD
 Red Cedar Distinguished Faculty
 Associate Professor
 Department of Translational Neuroscience
 College of Human Medicine
 Michigan State University

1

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Conflict of Interest Declaration

No financial conflict of interest to declare

Michigan Alzheimer's disease Research Center
 Michigan Center for Contextual Factors in Alzheimer's Disease
 Steering Committee member of the Michigan Dementia Coalition
 Board of Directors of the Alzheimer's Association Greater Michigan Chapter
 Board of Directors of the Hispanic Center of Western Michigan

Opinions are my own and not the views of my employer or associates

2

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3

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Granos saturados
arroz, queso, leche, etc.
Ha mejor en grandes cantidades, ayuda a proteger el corazón

Frutas y verduras
Antioxidantes que protegen el corazón
Ayuda la memoria y el pensamiento

Vino (un vaso al día)
zumo de uva
Ayuda la memoria y el pensamiento

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Los polifenoles lo hacen parecer más joven

Carbohidratos
Cereales, trigo integral, etc.
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Omega-3
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Protege contra el Alzheimer

Calorie Restriction
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4

Quality of Life MICHIGAN STATE UNIVERSITY

Quality of Sleep
Dormir bien ayuda a la memoria y el pensamiento

Reduce stress
El estrés afecta la memoria y el pensamiento

Exercise
El ejercicio mejora la memoria y el pensamiento

Socialize
Socializar ayuda a la memoria y el pensamiento

Learn something new/Challenge yourself
Aprender algo nuevo ayuda a la memoria y el pensamiento

5

Quality of Life MICHIGAN STATE UNIVERSITY

Relax
Relájate
Relajarse ayuda a la memoria y el pensamiento

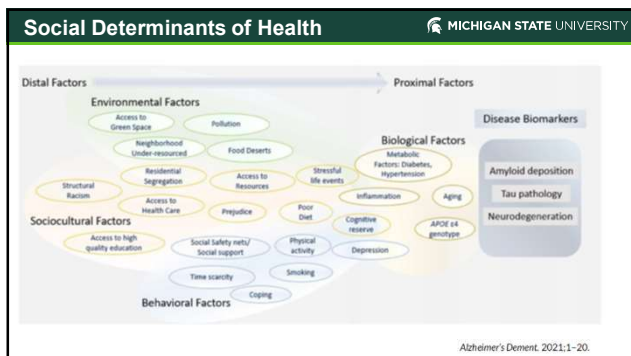
Exercise
Haz ejercicio
El ejercicio mejora la memoria y el pensamiento

Rest
Descansa
El sueño profundo organiza, almacena y cataloga recuerdos en la noche

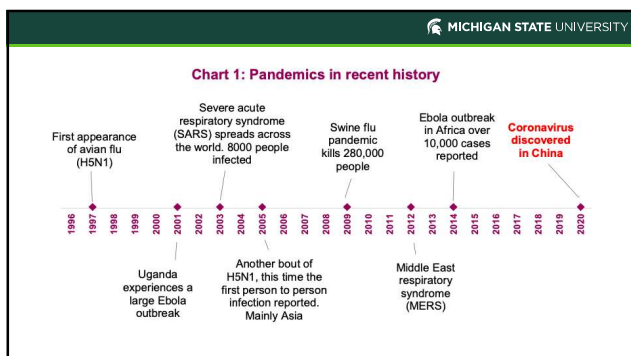
Socialize
Socializa
Interactuar experiencias, ilusiones y proyectos mantiene el cerebro activo

Challenge
Ponte retos
Retos diarios en la actividad, como ajedrez, crucigramas o leer

6



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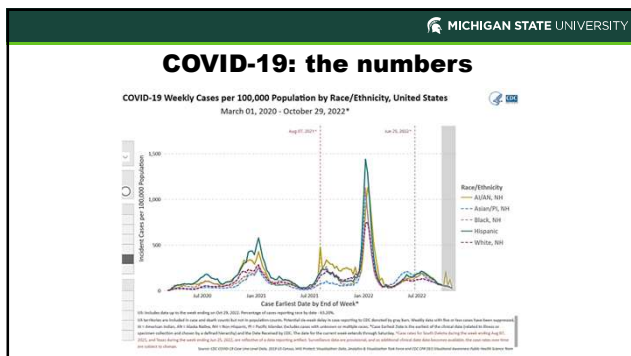
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The COVID-19 Pandemic

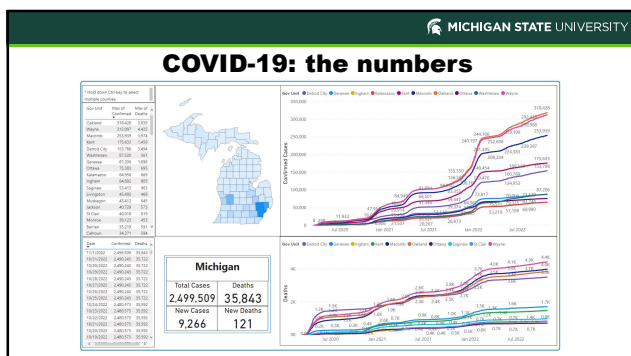
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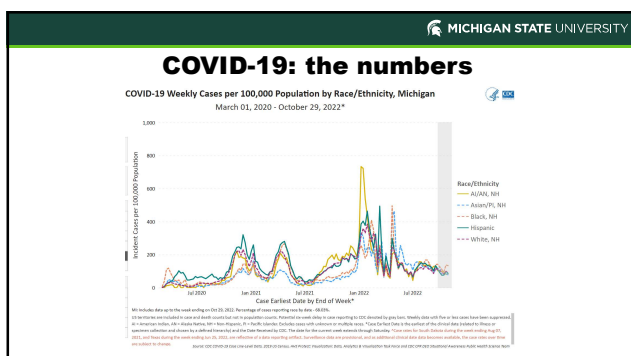




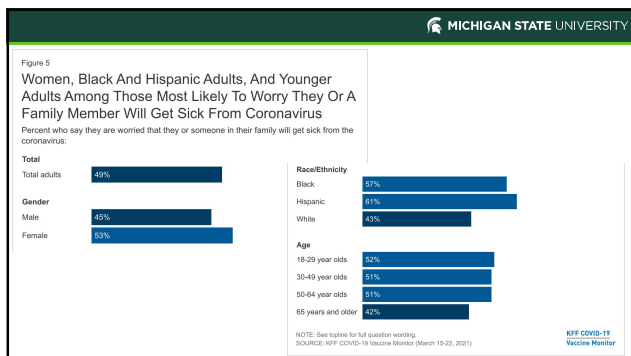
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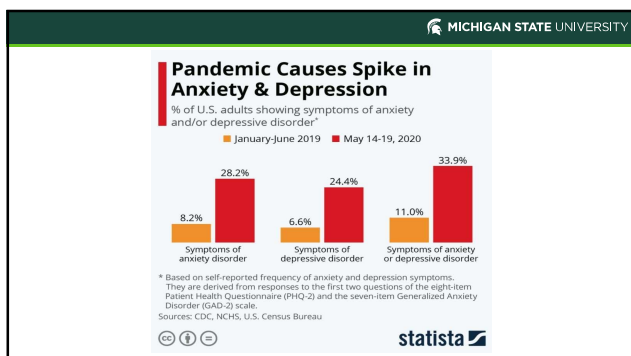
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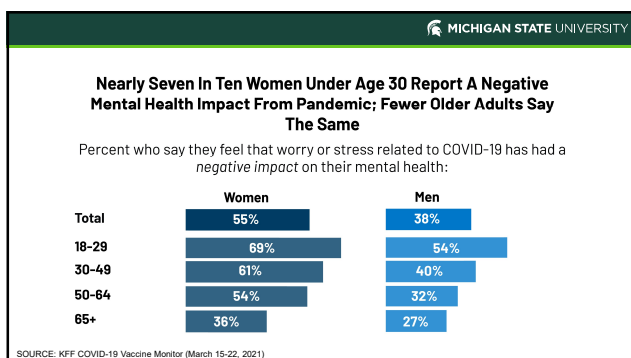
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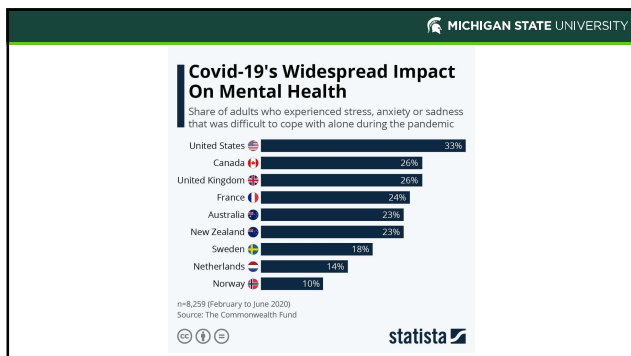
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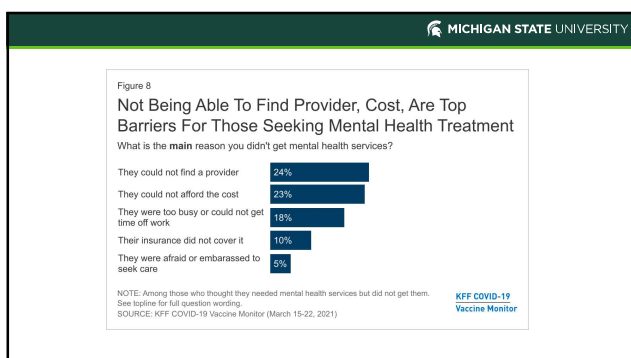
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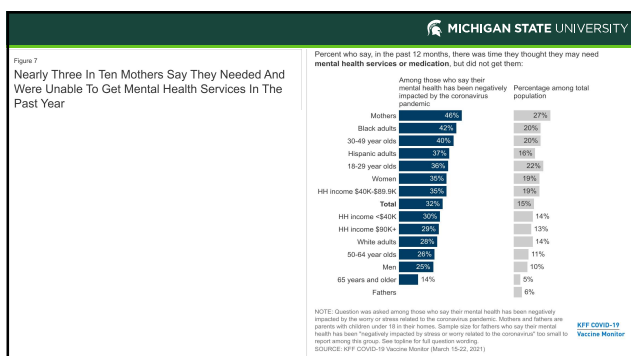
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Short Communication

Effects of COVID-19 Home Confinement on Mental Health in Individuals with Increased Risk of Alzheimer's Disease

Natalie Soldevilla-Durand^{1,2}, Laura Fontana^{3,4}, Anna Barrios⁵, Thais Lemos^{6,7}, Iria Pérez⁸, Albert Puig-Pujuguet⁹, Jitina Misra⁹, José María González de Echazuri Garm¹⁰, Iva Kirovski¹¹, Anna Vercel¹², Karim Tanti¹³, Nerea Plazuelo¹⁴, José Luis Meléndez^{15,16}, and Rafael de la Torre^{17,18} **PENSA Study Group**
¹Departament d'Història i Geografia, Universitat de València, Burjassot, Spain
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⁴Departament d'Història i Geografia, Universitat de València, Burjassot, Spain
⁵Departament d'Història i Geografia, Universitat de València, Burjassot, Spain
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¹⁷Departament d'Història i Geografia, Universitat de València, Burjassot, Spain
¹⁸Departament d'Història i Geografia, Universitat de València, Burjassot, Spain

Abstract: We explored the impact of the Spanish COVID-19 strict home confinement on mental health and cognition in non-infected subjects (N = 16, 60–80 years) diagnosed with subjective cognitive decline and *APOE* ε3/ε4 carriers. Mental health was monitored for 2 months on a daily, weekly, or monthly basis, and compared to pre-confinement values. Emotional distress, anxiety, and depression scores increased to pathological threshold values during and after confinement. Those with lower mood during confinement experienced a decline in their mood after confinement. Cognition did not change. These preliminary results suggest that mental health consequences of corona measures in preclinical stages of Alzheimer's disease should be further evaluated.

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Alzheimer's & Dementia
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FEATURED ARTICLE

COVID-19 and dementia: Analyses of risk, disparity, and outcomes from electronic health records in the US

QunQun Wang¹ | Pamela B. Davis² | Mark E. Gurney³ | Rong Xu⁴

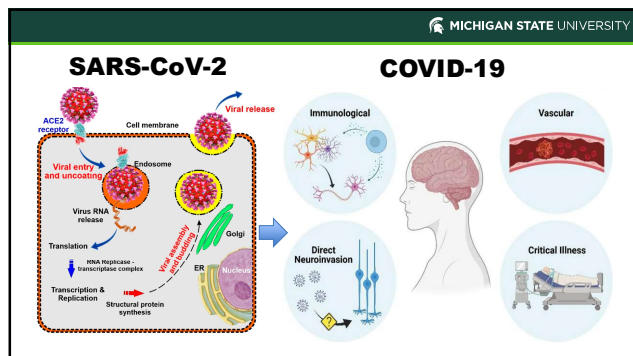
Abstract
Introduction: At present, there is limited data on the risks, disparity, and outcomes for COVID-19 in patients with dementia in the United States.
Methods: This is a retrospective case-control analysis of patient electronic health records (EHRs) of 61.9 million adult and senior patients (age ≥ 18 years) in the United States up to August 21, 2020.
Results: Patients with dementia were at increased risk for COVID-19 compared to patients without dementia (adjusted odds ratio [AOR]: 2.00 [95% confidence interval (CI), 1.94–2.06], $P < .001$), with the strongest effect for vascular dementia (AOR: 3.17 [95% CI, 2.97–3.37], $P < .001$), followed by senile dementia (AOR: 2.62 [95% CI, 2.28–3.00], $P < .001$), Alzheimer's disease (AOR: 1.86 [95% CI, 1.77–1.96], $P < .001$), senile dementia (AOR: 1.99 [95% CI, 1.86–2.13], $P < .001$) and post-traumatic dementia (AOR: 1.67 [95% CI, 1.51–1.86], $P < .001$). Blacks with dementia had higher risk of COVID-19 than Whites (AOR: 2.86 [95% CI, 2.67–3.06], $P < .001$). The 6-month mortality and hospitalization risks in patients with dementia and COVID-19 were 20.99% and 59.26%, respectively.
Discussion: These findings highlight the need to protect patients with dementia as part of the strategy to control the COVID-19 pandemic.

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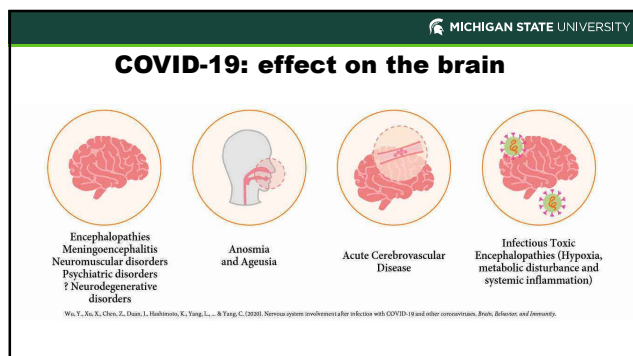
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SARS-CoV-2 and the Brain

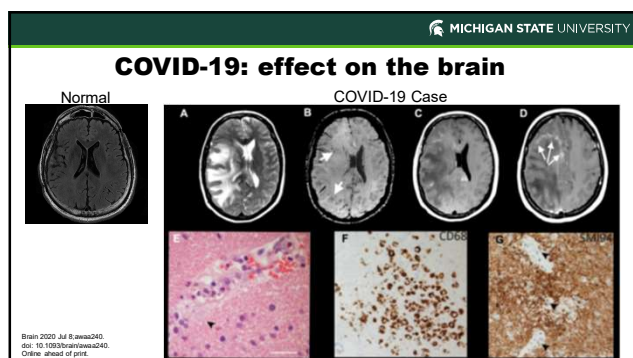
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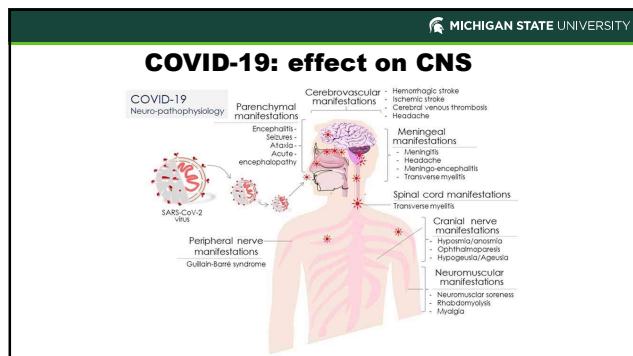
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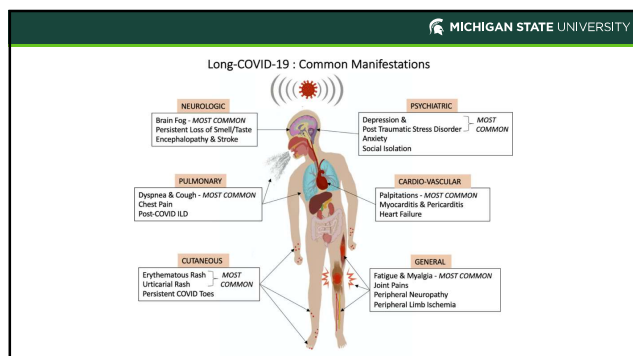
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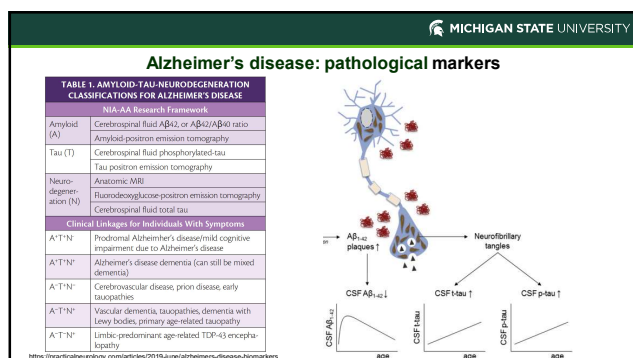
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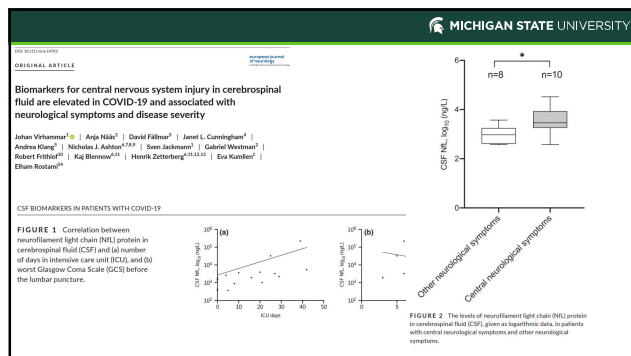
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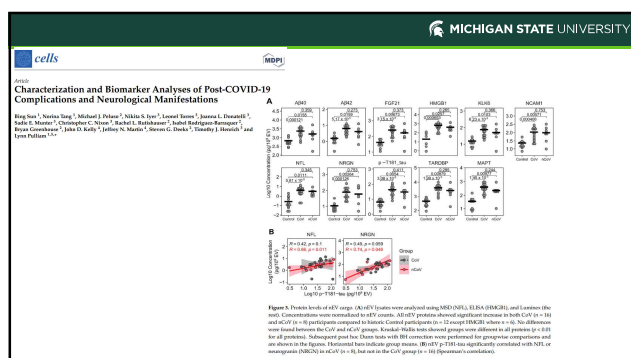
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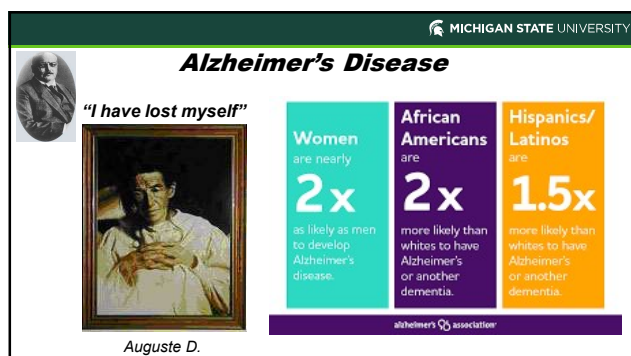
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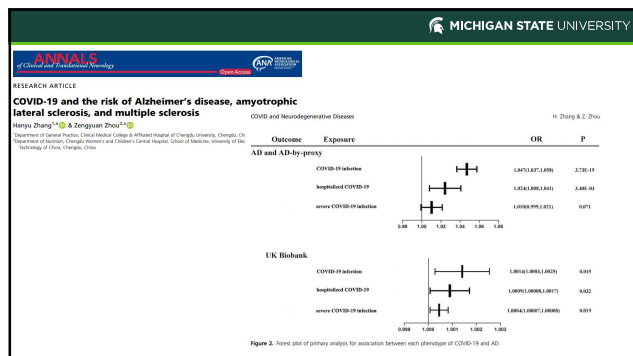
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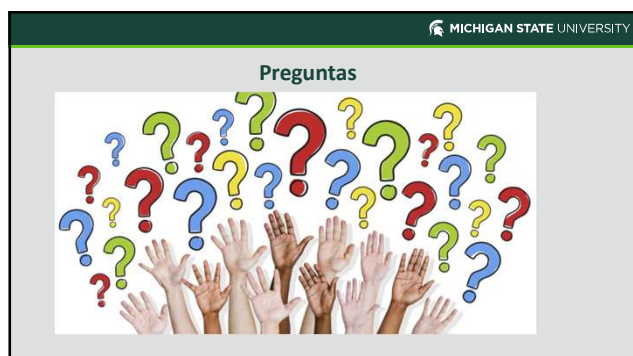
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Dr. Linda Keilman, DNP, RN, GNP-BC, FAANP
(1.5 Pain CEUs) Dr. Linda Keilman has been a nationally certified Gerontological Nurse Practitioner since 1989 and teaching nursing since 1983. She has been a faculty member in the College of Nursing at MSU since 1992 her current MSU Health Team practice is providing primary care for residents in long-term care.

How to Assess Pain in Older Adults with Cognitive Decline

November 11, 2022

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Objectives:

1. Discuss approaches to assessing pain in older adults (OA) with cognitive impairment (CI).
2. Describe pain tools that can be utilized for assessing pain in OA with CI.
3. List common observational signs/symptoms of pain in OA with CI.
4. Discuss nonpharmacologic approaches to pain management.



2

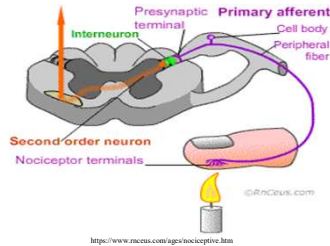
What is Pain?



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- A **personal experience** influenced by aspects of biological, psychological & social factors
- Cannot be inferred solely from activity in sensory neurons
- Pain & nociception (*detection of painful stimuli*) are different
- **Nociceptive pain:**
 - Transduction
 - Conduction
 - Transmission
 - Modulation
 - Perception



4

- Individuals **learn** the concept of pain through lived experiences
- A report of a pain experience should be respected
- Pain generally serves an adaptive role
- Pain may have adverse effects on function, social & psychological well-being
- Verbal description is one way to express pain
- Inability to communicate does not negate the possibility that a human or animal is experiencing pain (*International Association for the Study of Pain [IASP], 2020*)



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- Definition of pain should be valid for acute & chronic pain
 - Acute pain = caused by injury, surgery, illness, trauma or painful medical procedure; lasts short time; usually disappears when treated/healed; serves as warning sign of disease or threat to the body (*ISAP, n.d.*)
 - Chronic pain = lasts months or years; happens in all body parts; interferes with daily life; can lead to anxiety/depression (*Cleveland Clinic, 2021*)



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- **An unpleasant sensory & emotional experience associated with actual or potential tissue damage, or described in terms of such damage** *(IASP, 1979)*
- **The clinician must accept the patient's report of pain** *(American Association of Pain, 2003)*
- **A subjective experience & no objective tests exist to measure it** *(American Pain Society, 2009)*
- **Whatever the experiencing person says it is, existing whenever the person says it does** *(McCaffery, 1968)*

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- **An unpleasant sensory & emotional experience associated with, or resembling that associated with, actual or potential tissue damage** *(Raja et al., 2020)*
- **Types of pain:**
 - **Nociceptive = external injury**
 - **Inflammatory = body response; swelling, redness, purple/yellowing skin; ↑ sensitivity**
 - **Neuropathic = description; associated with injury or disease of nerve tissue**
 - **Functional = without obvious origin**



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Normal Aging Cognitive Changes:

- **Subtle**
- **Over time**
- **Takes longer to:**
 - **Pull information from memory** *(storage)*
 - **Recall names & numbers** *(personal experience)*
- **Memory of life events & accumulated knowledge of learned facts & information decline** *(declarative or explicit memory)*
- **Remembering “how to” remains largely intact** *(procedural, implicit, or non-declarative memory)*



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- The ability to timely recall a specific piece of information declines (*working memory*)
- Processing speed & problem-solving decrease
- Ability to pay attention becomes more difficult
 - Selective attention
 - Divided attention
- Gradual losses to sensory system
 - Vision
 - Hearing
 - Taste
 - Smell
 - Touch



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Normal Aging Structural Changes:

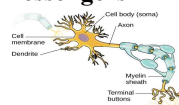
- Brain volume/mass decreases:
 - Prefrontal cortex
 - Cerebellum
 - Hippocampus*
- Cortical thinning/density decreases:
 - Cerebral cortex
 - Frontal lobes*
 - Temporal lobes
- Myelin & white matter shrink
 - Slows down processing; cognitive function



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Neurotransmitter Systems:

- Neurotransmitter = chemical messengers
 - Brain generates fewer; die
 - Decrease in:
 - Dopamine
 - Acetylcholine
 - Serotonin
 - Norepinephrine
- Blood flow to brain may decrease
 - Less oxygen to cells



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GOOD NEWS!

- Can learn throughout lifetime
 - Meaning
 - Purpose
- Improves in middle aging:
 - Verbal abilities
 - Spatial reasoning
 - Math
 - Abstract reasoning
- Brain remains relatively plastic with aging



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- OA tend to under report pain
- Individuals with CI may experience pain differently
- CI impairs ability to describe symptoms
- When CI becomes dementia, the ability to communicate & remember pain becomes increasingly difficult
- Pain is undertreated in dementia (*Sarbacker, 2014*)
- Presentation of pain may be non-specific
- Consider pain the 1st vital sign
- There are no universal tests for pain



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- All pain is a very individualized subjective experience
- Chronic pain is one of the most common conditions in OA & is associated with substantial disability & costs (*Reid et al., 2016*)
- OA living with dementia are at risk for multiple sources & types of pain (*Horgas, 2012*)
- Untreated pain in CI OA can delay healing, disturb sleep & activity patterns, reduce function, reduce quality of life (QoL) & prolong hospitalization

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Assessment Guidelines:

- Attempts should be made to obtain self-report of pain (*Herr et al., 2011*)
 - Yes/no
 - Vocalizations
 - Gestures
- Search for potential causes of pain
 - Pathologic conditions (*trauma, arthritis, wounds, history of persistent pain, procedures*)
- Observe behaviors



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- Proxy Reporting
 - Family members *
 - Compare customary behavior to current
 - Caregiver input **
 - Front-line staff (CNAs)
 - Other facility staff
- Attempt an analgesic trial
 - If no conditions/causes are identified, a low dose of an analgesic trial should be given
 - Based on pathology, analgesia history & things the person enjoys



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However ...

- Must use NPAs at the same time
- Observation
 - What works & does not work?
 - Trial & error
- Documentation – **EXTREMELY** important!
 - Effectiveness of medication
 - Effectiveness of NPAs
 - How do you know?



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Common Pain Behaviors:

- **Facial expressions** (*frowning, grimacing, distorted expression, rapid blinking*)
- **Verbalizations/vocalizations** (*sighing, moaning, grunting, calling out, asking for help, verbal abuse*)
- **Body movements** (*rigid posture, tense, guarding, fidgeting, increased pacing/rocking, gait or mobility changes [inactivity, restlessness, wandering]*)
- **Changes in interpersonal interactions** (*aggressive, combative, resisting care, disruptive, withdrawn, socially inappropriate*)

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- **Changes in activity patterns or routine** (*appetite change, refusing food, throwing food, sleep pattern changes, sudden cessation of common routines*)
- **Mental status change** (*crying, increased confusion, irritability, distress*)
- **Physiological changes:**
 - Increased heart rate
 - Increased blood pressure
 - Increased respiratory (breathing) rate
 - Diaphoresis
 - Pupil dilatation



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TOOLS

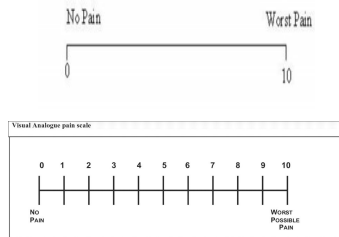


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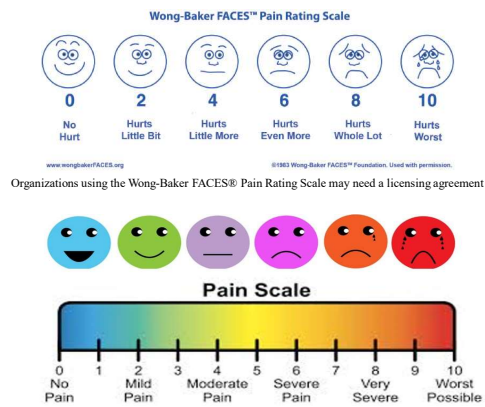
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Mild to Moderate CI or Dementia:

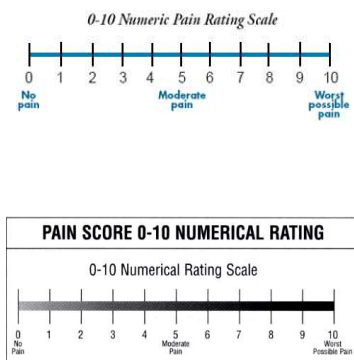
- Simple
- Pictorial
- Reliable & valid
- Evidence-based
- Types:
 - Visual analog scales (VAS)
 - Faces Pain Scale
 - Numeric rating scale (NRS)



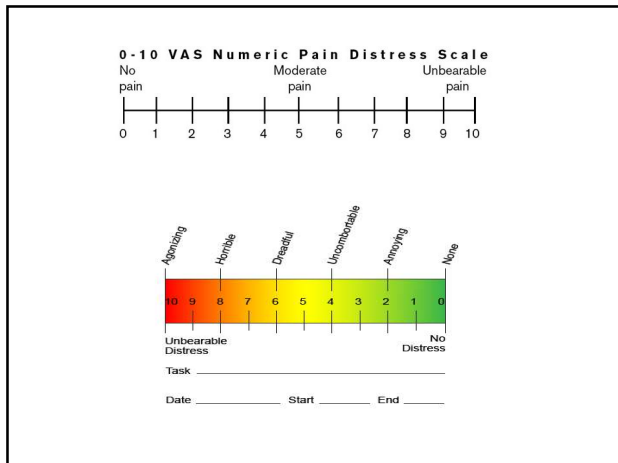
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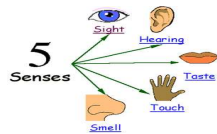
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Advanced or Severe Dementia:

- **More difficult**
- **Attempt self-report 1st!**
- **Observation scales**
 - Developed to provide a clinically relevant & easy to use observational pain assessment tool for individuals with advanced dementia
- **Example**
 - Pain Assessment in Advanced Dementia (PAINAD)



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PAINAD:

- **Observe the individual x 3 - 5 minutes before scoring**
- **5 variables: breathing, vocalization, facial expression, body language, consolability**
- **Different circumstances:**
 - Resting
 - Engaged in a pleasurable activity
 - During movement (*personal care, transfer; ambulation, etc.*)
 - When alone & with others
 - After administering pain medication



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Risk of Medication Use for Pain Treatment

- Decrease in muscle mass
- Increased fat mass
- Decreased renal clearance
- Reduction of hepatic phase I reactions
(oxidation, hydrolysis, reduction)
- Decreased serum albumin
- Increased sensitivity to centrally acting drugs

STRESS

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- Assessing for pain
 - Know the individual's "usual" self
 - Looking for signs/symptoms of change
 - Mood
 - Not wanting to attend normal activities
 - Body language
 - Investigate for clues
 - Why is there a change?
 - What is different?
 - New meds, unreported fall/injury, specific visitors



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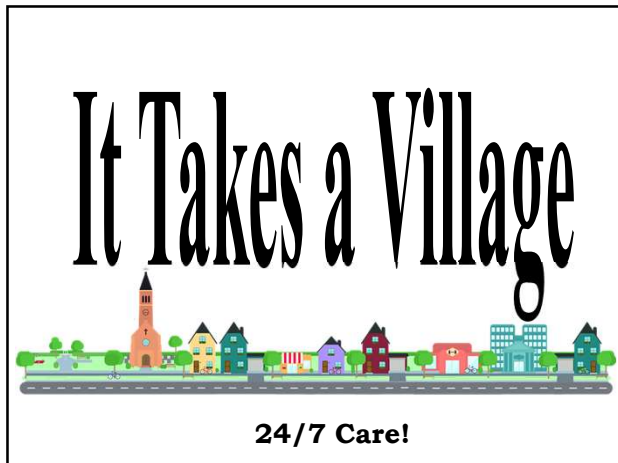
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• Nonpharmacologic Approaches (NPAs)

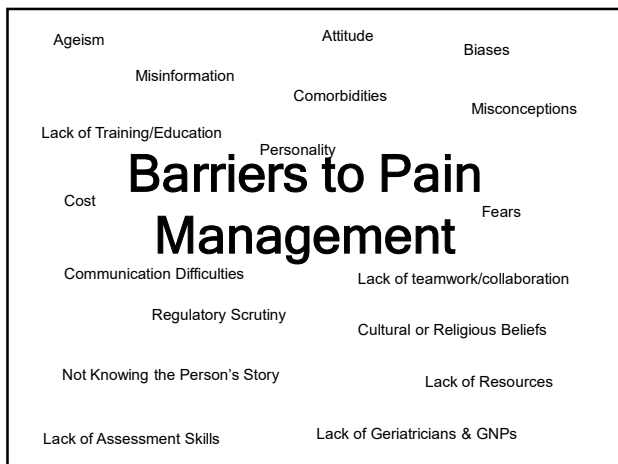
- Need to take a holistic approach
- Strategies:
 - Walking
 - Positioning
 - Repositioning
 - Redirecting
 - Massage




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- **Myths:** 
 - Pain is inevitable & normal in OA
 - OA experience *less pain* than their younger counterparts
 - If a person doesn't say they are in pain, they must not be having pain
 - If a person does not look like they are in pain, they probably are not having pain
 - Most individuals with CI & dementia are unable to report their pain
 - Doctors & nurses are the experts on pain

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- Many OA expect pain with aging
- Many OA fail to report pain because they do not want to be a nuisance to staff or they get tired of asking for pain management & are not listened to *(Herr & Garand, 2001)*
- OA sometimes have fear of the consequences of acknowledging their pain
- Behaviors & vocalizations are often attributed to cognition & pain is not considered *(Chandler & Bruneau, 2014)*
- Psychotropic drugs mask pain



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Nonpharm Approaches (NPAs)

* = empirically supported; evidence based

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Advantages:

- Addresses the psycho-social-spiritual-cultural-environmental potential reason for the pain
- Holistic & person-centered
- Avoids use of medications that can decrease QoL
- Preserves communication & interaction
- Creates memorable moments *Remember*
- Improves/maintains QoL for all involved

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- * ✓ **Activities** (*pleasurable, hobbies*)
- * ✓ **Assistive devices**
 - Eyeglasses, hearing aids, canes, WC; shoes, clothing
- * ✓ **Bathing alternatives**
 - **Bathing without a Battle** (*Barrick et al., 2002*)
- * **Behavior plans** (*individualized care plans*)
- * **Communication**
 - Slow, repetitive, simple explanations
- * **Consistent daily routines**



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- * ✓ **Distraction / diversion**
 - Person-centered
 - Everyone is a unique individual
- * ✓ **Education** (*staff, caregivers, families & providers*)
 - Lack of intentionality, dementia & delirium sx, communication skills, physical approach during ADLs & transfers, focus on emotion vs. content (validation), directions 1 step @ a time, use of distraction vs. logic, predictable schedule, use familiar staff



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- * ✓ **Environment modification**
 - Lighting, sound, temperature, smells
 - Home-like
 - Decrease stimulation
 - Comfortable seating (*arms, back support*)
 - Mattress (*pressure redistributing*)
 - Bed height
 - Positioning/repositioning (*neutral body alignment*)
 - Smooth & tight linens
 - De-clutter
 - Placement of furniture



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- * ✓ **Exercise** (*physical activity*)
 - Aerobic, low impact, water (*hydrotherapy*)
 - Stretching & strengthening are effective exercises for improving pain & function
 - Tai chi, Pilates, yoga, chair
- **Humor & laughter**
- * **Listening**
 - Active, reflective, intentional
- **Logs** (*tracking: B&B, behaviors, pain, sleep*)
- * ✓ **Massage** (*body, feet, hands, legs*)
- **Mindfulness meditation**



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- * ✓ **Music or music therapy** (*MT*)
- * **Observation**
- * ✓ **Packs:**
 - Cold (*numb*); heat (*sore muscles; old injuries*)
- * **Pet visitation; animal assisted therapy** (*AAT*)
- **Photography**
- * **Presence** –being with; empathic
- * ✓ **Relaxation techniques**
- * ✓ **Reminiscence; life review**
- **Silence** (*therapeutic; compassionate intention*)



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- * **Sleep hygiene**
- * **Social interaction**
- **Spirituality / religion / faith**
- * ✓ **Transcutaneous Electrical Nerve Stimulation** (*TENS*)
- **Therapeutic use of self**
 - *YOU are an intervention!*
- **Touch**
 - Therapeutic (*TT*); healing; **M-technique** (*stroking in cycles of 3*)
 - Rocking, holding, cuddle, hug, handshake



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- Visits, telephone calls, Skype, Zoom
 - Friends, family, health care professionals, staff, community organizations
- Lifestyle changes:
 - Adequate sleep
 - Balanced diet
 - Drinking plenty of water
 - Limiting caffeine
 - Smoking cessation



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PEARLS


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Pain is always subjective!

Pain can exist even when no physical cause can be found!

Assume that OA with CI or dementia have pain if they have conditions typically associated with pain!

OA are unique individuals with their own needs, wants & desires! Options & choices are paramount!

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A uniform pain threshold does not exist!

**A pain assessment should address the
physical, psychological & spiritual
aspects of pain!**

NPAs are effective in pain management!

Know the person's story!

Be proactive, preventative, positive & hopeful!

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*Thank
You*

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Jim Mangi is a Vietnam veteran, a scientist, and founder and owner of a nationwide consulting firm—none of which prepared him for his retirement career as a caregiver for his wife, who is now in her 14th year of living with Younger Onset Alzheimer's disease. Jim is now a volunteer Community Educator for the Alzheimer's Association, and a dementia awareness activist



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Understanding Memory Loss

What to do when you have
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From the National Institute on Aging

Understanding Alzheimer's Disease

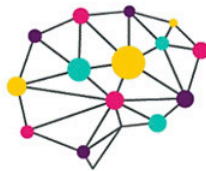
What you need to know

From the National Institute on Aging



MICHIGAN DEMENTIA COALITION

The Michigan Dementia Coalition is a group of organizations and individuals working together to improve quality of life for people living with dementia and their families. We are powered by our passion. Our vision is to make Michigan a dementia capable state.



**WHOEVER YOU ARE,
HOWEVER YOU ARE,
YOU ARE WELCOME**

TO OUR
"COME AS YOU ARE"

MEMORY CAFÉ

SEP 21, 2022

2-4 PM

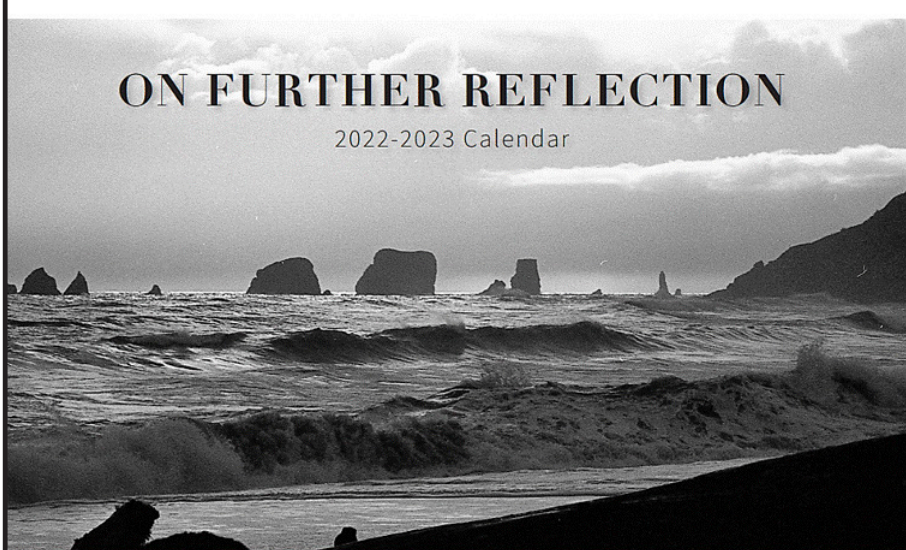
*Feel free to come early and stay late—
you are among friends*





ON FURTHER REFLECTION

2022-2023 Calendar



Photos by Kathleen Schmidt Before Her Unwelcome Journey



