



1200 Washington Ave, Bay City, Michigan 48708
<http://www.baycounty-mi.gov/Health>

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James A. Barcia
Bay County Executive

Joel R. Strasz
Public Health Officer

Thomas John Bender, MD, PhD
Medical Director

*Annual Tuberculosis (TB) Education for Healthcare Personnel**

**Instructions to Complete Activity and
Claim Continuing Education Credit**

** for anyone working in a healthcare facility of any type, NOT only physicians and nurses*

Annual Tuberculosis (TB) Education for Healthcare Personnel

Course Overview / Description

This course fulfills the Centers for Disease Control and Prevention (CDC) recommendation and meets the Occupational Safety and Health Administration (OSHA) expectation that all healthcare personnel should receive tuberculosis (TB) education every year. The course:

- Explores TB trends globally, nationally, in Michigan, and in Bay County.
- Presents results of new research on modes of transmission.
- Discusses signs and symptoms of TB disease.
- Reviews requirements for respiratory protection.
- Anticipates appropriate post-exposure protocols.
- Details how to rule out TB disease and confirm diagnosis of latent TB infection (LTBI).
- Describes strengths and weaknesses of TB screening and how to act on test results.
- Explains differing management of TB disease and LTBI.
- Emphasizes potential threat posed by healthcare personnel with untreated LTBI.

Learning Objectives

At the end of this presentation, attendees will be able to:

- Describe signs and symptoms of TB disease.
- Differentiate the characteristics of TB disease and LTBI.
- Explain benefits of ensuring that healthcare personnel with untreated LTBI accept and complete treatment.

Annual Tuberculosis (TB) Education for Healthcare Personnel

Thomas John Bender, MD, PhD

Medical Director, Bay County Health Department

DISCLOSURE

The planner(s) and speaker(s) for this session have no relevant financial relationships with ineligible companies to disclose.

ACCREDITATION

Central Michigan University College of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Central Michigan University College of Medicine designates this live activity for a maximum of 1.0 *AMA PRA Category 1 Credit*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Enduring Material

Original presentation: January 20, 2023

Termination date: January 20, 2026




COLLEGE OF
MEDICINE
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Either

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Online Activities

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Anatomy of Medical Malpractice Litigation

Event Date: January 26, 2023
End Date: January 26, 2026
Credits Offered:
AMA PRA Category 1 Credit™ - 1.00

Manuel Rupe, JD, PhD
Target Audience: Physicians, Nurses, PAs, Advanced Clinical Practitioners, all healthcare professionals

Overview:
This CME session will:
(1) describe Michigan's medical malpractice law and related litigation processes;
(2) examine the literature (and law) as to best practices in healthcare and medicine for preempting malpractice claims; and,
(3) explore how fundamental elements of quality patient care align with medical malpractice claims prevention.

Objectives:
At the end of this presentation, participants should be able to understand and define:
1) Michigan malpractice law and the structure or "anatomy" of litigation processes;
(2) "Best practices" as identified in the literature to preempt litigation (e.g., complete and accurate charting, etc.);
(3) How core elements of the physician/patient relationship impact quality of care and also prevent malpractice claims (e.g., verbal and written communication; listening skills; etc.).

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Annual Tuberculosis (TB) Education for Healthcare Personnel

Event Date: January 20, 2023
End Date: January 20, 2026
Credits Offered:
 AMA PRA Category 1 Credit™ - 1.00

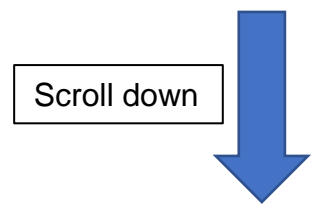
Thomas J. Bender, MD, PhD, FACOEM
Target Audience: Physicians, Nurses, PAs, Advanced Clinical Practitioners, all healthcare professionals

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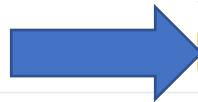
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[Powerpoint Slide Deck](#)



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Registration Confirmation

Annual Tuberculosis (TB) Education for Healthcare Personnel

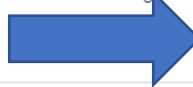
Thank You!

Your registration for this online activity is complete. An email confirmation will be sent to
Please review your confirmation details:

Name: Thomas John Bender
Activity Name: Annual Tuberculosis (TB) Education for Healthcare Personnel
Event Date: January 20, 2023
End Date: January 20, 2026
Confirmation #: WB14-P3851

Begin Activity

Click "Begin Activity" to begin this online activity.



[Begin Activity](#)



Online Activity

Annual Tuberculosis (TB) Education for Healthcare Personnel

Read:

Instructions

This is the homepage for the online activity Annual Tuberculosis (TB) Education for Healthcare Personnel.

In order to receive credit for this event, the following steps must be followed, in order. Failure to do so will result in the credit not being awarded to you.

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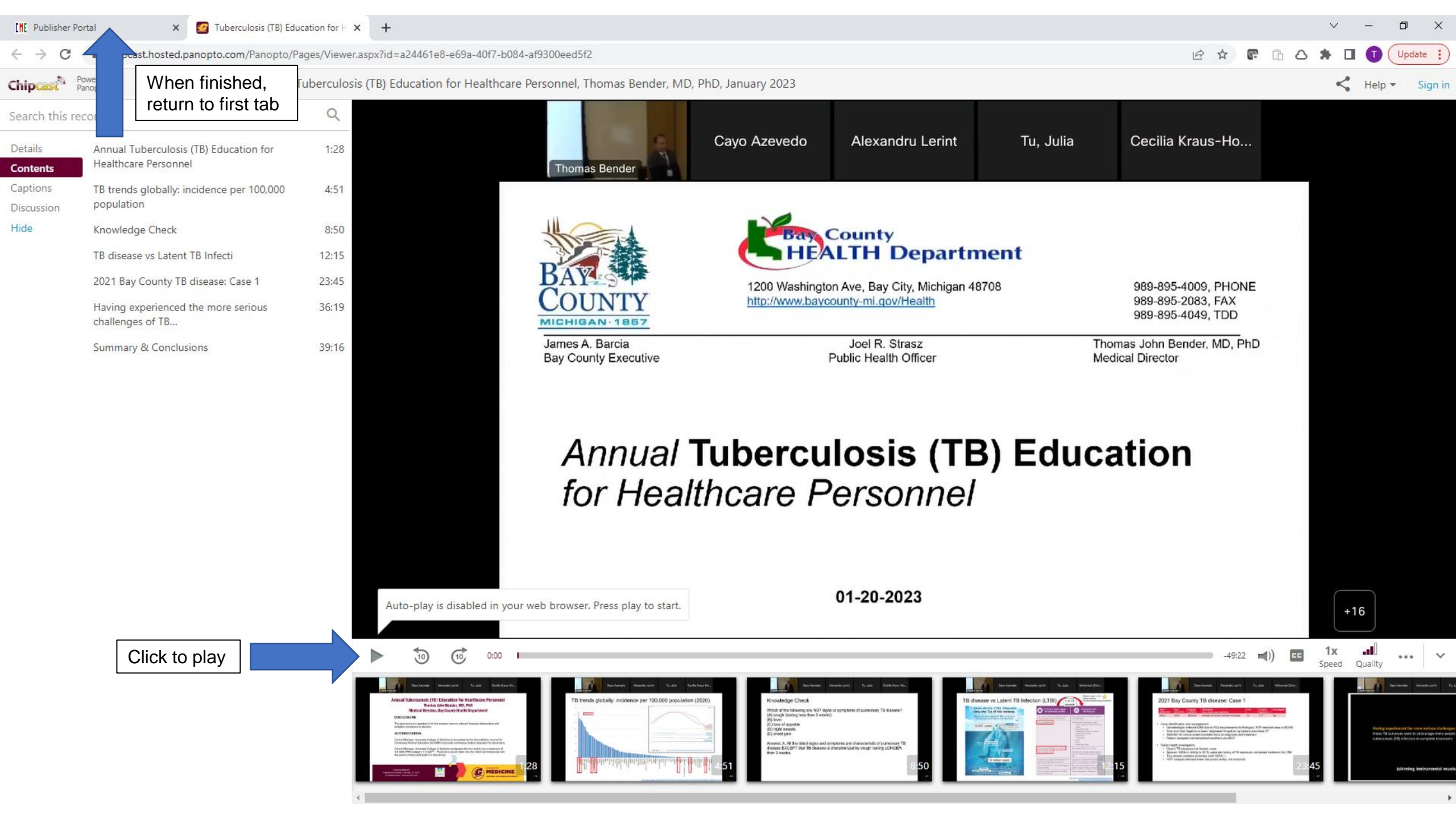
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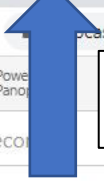
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Click to play




Thomas Bender

Cayo Azevedo Alexandru Lerint Tu, Julia Cecilia Kraus-Ho...



BAY COUNTY
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James A. Barcia
Bay County Executive



Bay County HEALTH Department

1200 Washington Ave, Bay City, Michigan 48708
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Thomas John Bender, MD, PhD
Medical Director

Annual Tuberculosis (TB) Education for Healthcare Personnel

01-20-2023

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+16

Speed 1x Quality

0:00

-49:22

Annual Tuberculosis (TB) Education for Healthcare Personnel
Thomas John Bender, MD, PhD
Medical Director, Bay County Health Department

1:28

TB trends globally: incidence per 100,000 population

4:51

Knowledge Check

8:50

TB disease vs Latent TB Infection (LTBI)

12:15

2021 Bay County TB disease: Case 1

23:45

Having experienced the more serious challenges of TB...

36:19

Summary & Conclusions

39:16

Online Activity

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Activity Content

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Click the button below to take the Post Test.



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Annual TB Education for Healthcare Personnel

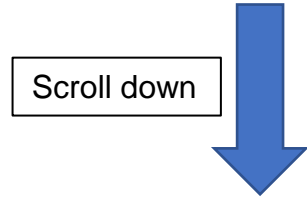
There are 4 questions that must be answered in order to receive your CME Certificate.

After selecting the answer to each question, click onto the "Check Answer" button.

- You will see a next to the question if you answer correctly. Click on "review explanation" for further information.
- You will see a next to the question if you answer incorrectly. An indicator will point to the correct answer and an explanation box stating why that is the correct answer.

After carefully reviewing the correct answers to all questions and passing the quiz:

- Click "Continue" to complete the CME Evaluation of this activity and Post your CME Credit



Question 1

1. Which of the following are NOT signs or symptoms of pulmonary disease? Check Answer

- A) Cough lasting less than 3 weeks
- B) Fever
- C) Loss of appetite
- D) Night sweats
- E) Chest pain

Question 2

2. Unlike persons with TB disease, persons with latent TB infection (LTBI) will NOT have which of the following findings? Check Answer

- A) Positive tuberculin skin test (TST) result
- B) Positive interferon gamma release assay (IGRA) test result
- C) Abnormal chest radiography (x-ray)
- D) Normal sputum smear
- E) Normal sputum culture

Question 3

3. When TB screening identifies a person who is infected with TB and TB disease is ruled out, completing treatment for LTBI will reduce that person's lifetime risk of developing TB disease by how much?? Check Answer

- A) 10%
- B) 25%

- You will see a **X** next to the question if you answer incorrectly. An indicator will point to the correct answer and an explanation box stating why that is the correct answer.
- After carefully reviewing the correct answers to all questions and passing the quiz:
- Click "Continue" to complete the CME Evaluation of this activity and Post your CME Credit

For each question:
• Select response
• Check answer

Click Continue

Question 1

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Check Answer



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C) Abnormal chest radiography (x-ray)

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E) Normal sputum culture

Check Answer



Question 3

3. When TB screening identifies a person who is infected with TB and TB disease is ruled out, completing treatment for LTBI will reduce that person's lifetime risk of developing TB disease by how much??

A) 10%

B) 25%

C) 50%

D) 75%

E) 90%

Check Answer



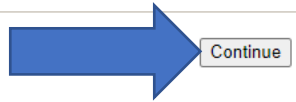
Question 4

4. Treatment of LTBI requires at least 9 months of daily medication?

A) True

B) False

Check Answer



Continue

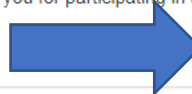


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Certificate

Certificate

Thank you for participating in an educational activity for Central Michigan University.

 [Print Certificate](#)

This activity also meets Michigan Board of Nursing requirements for continuing education (see next 2 slides)





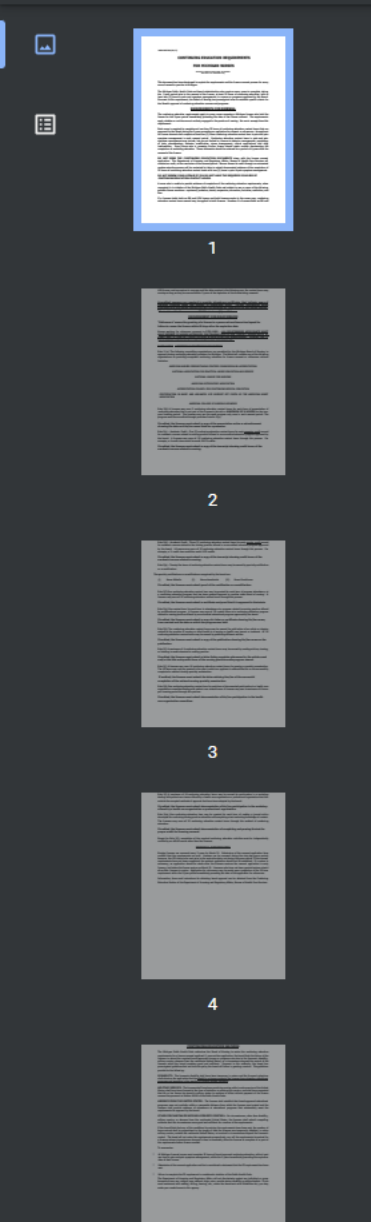
College of Medicine

Certificate of Attendance

The Central Michigan University College of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Central Michigan University College of Medicine certifies that Thomas John Bender, MD, PHD has participated in the enduring material Annual Tuberculosis (TB) Education for Healthcare Personnel on February 15, 2023 and is awarded 1.00 *AMA PRA Category 1 Credit(s)*[™]





LARA-LNR-700 (02/17)

CONTINUING EDUCATION REQUIREMENTS FOR MICHIGAN NURSES

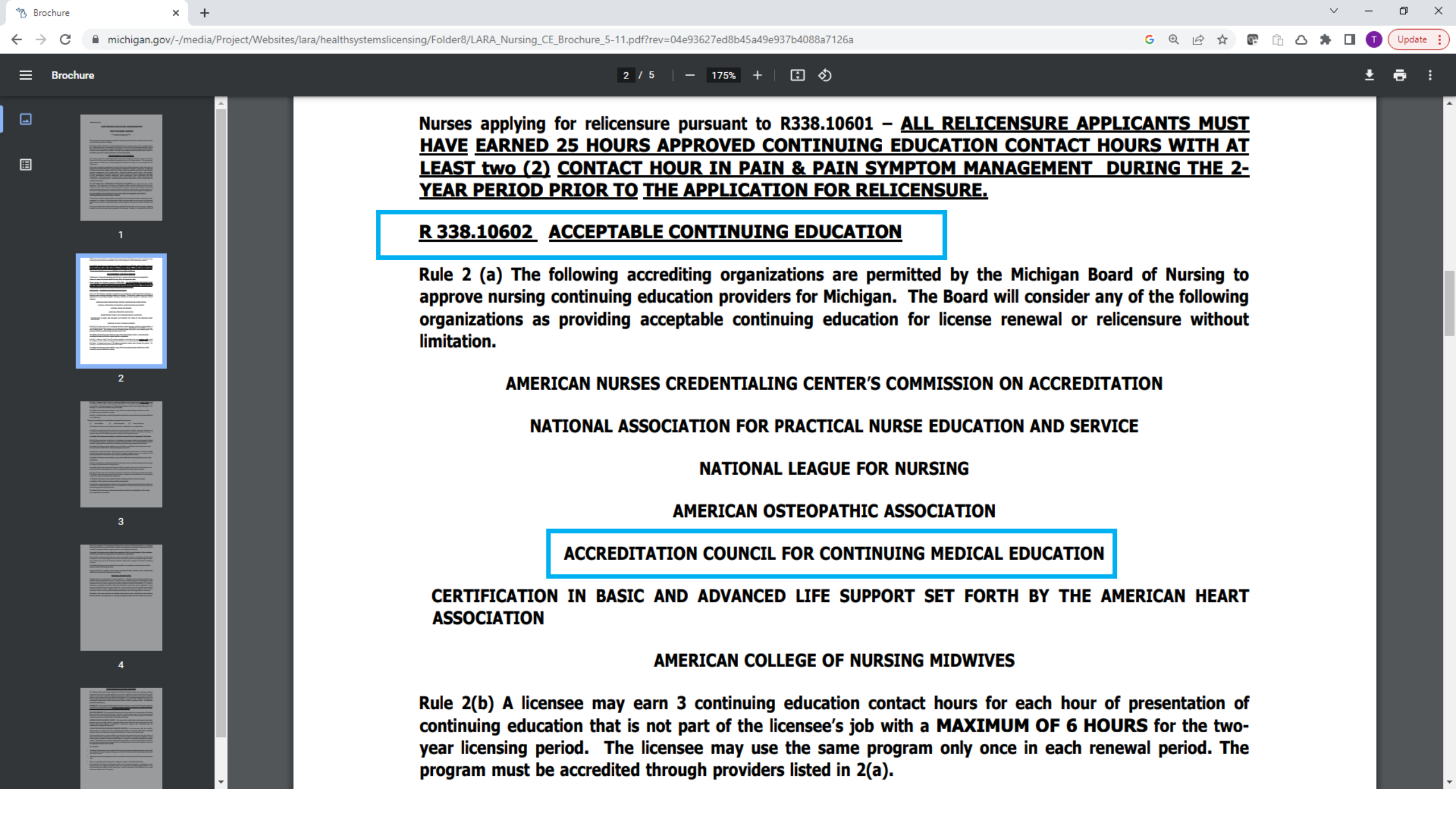
Authority: Public Act 368 of 1978, as amended
This form is for information only

This document has been developed to explain the requirements and the license renewal process for every nurse licensed to practice in Michigan.

The Michigan Public Health Code and board administrative rules requires every nurse to complete, during the 2-year period prior to the renewal of the license, at least 25 hours of continuing education, with at least two (2) hours in pain and symptom management, in courses or programs approved by the Board. Pursuant to this requirement, the Board of Nursing has promulgated rules to establish specific criteria for the Board's approval of continuing education courses and programs.

REQUIREMENTS FOR RENEWAL

The continuing education requirements apply to every nurse renewing a Michigan license who held the license for the 2-year period immediately preceding the date of the license renewal. The requirements apply whether or not the nurse is actively engaged in the practice of nursing. No one is exempt from this requirement.



Nurses applying for relicensure pursuant to R338.10601 – **ALL RELICENSURE APPLICANTS MUST HAVE EARNED 25 HOURS APPROVED CONTINUING EDUCATION CONTACT HOURS WITH AT LEAST two (2) CONTACT HOUR IN PAIN & PAIN SYMPTOM MANAGEMENT DURING THE 2-YEAR PERIOD PRIOR TO THE APPLICATION FOR RELICENSURE.**

R 338.10602 ACCEPTABLE CONTINUING EDUCATION

Rule 2 (a) The following accrediting organizations are permitted by the Michigan Board of Nursing to approve nursing continuing education providers for Michigan. The Board will consider any of the following organizations as providing acceptable continuing education for license renewal or relicensure without limitation.

AMERICAN NURSES CREDENTIALING CENTER'S COMMISSION ON ACCREDITATION

NATIONAL ASSOCIATION FOR PRACTICAL NURSE EDUCATION AND SERVICE

NATIONAL LEAGUE FOR NURSING

AMERICAN OSTEOPATHIC ASSOCIATION

ACCREDITATION COUNCIL FOR CONTINUING MEDICAL EDUCATION

CERTIFICATION IN BASIC AND ADVANCED LIFE SUPPORT SET FORTH BY THE AMERICAN HEART ASSOCIATION

AMERICAN COLLEGE OF NURSING MIDWIVES

Rule 2(b) A licensee may earn 3 continuing education contact hours for each hour of presentation of continuing education that is not part of the licensee's job with a **MAXIMUM OF 6 HOURS** for the two-year licensing period. The licensee may use the same program only once in each renewal period. The program must be accredited through providers listed in 2(a).



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Questions?

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