Attached are the application materials for the Maintenance of Certification (MOC) examination in the subspecialty of Medical Toxicology offered by the American Board of Emergency Medicine (ABEM), the American Board of Preventive Medicine (ABPM), and the American Board of Pediatrics (ABP). The MOC examination will be given on November 8, 2012 at over 200 Pearson VUE testing centers across the United States. The examination will be delivered via computer and will consist of approximately 300 single-best answer, multiple choice questions.

Please read carefully the enclosed Information and Instructions for Completing the 2012 Medical Toxicology Recertification Examination Application. Return the completed application form to ABPM at the address below, along with a check for $1,860, or to pay by credit card, complete the attached credit card form and fax to the ABPM office at 312-939-2218. Applications for the 2012 Medical Toxicology recertification examination must be received at the ABPM office by September 1, 2012 if you intend to sit the exam. But the ABPM recommends that you register as early as possible since registration and seating is on a first come, first serve basis.

You will be receiving information from the American Board of Emergency Medicine (ABEM) shortly with instructions on how to register for a site with Pearson VUE. Because site availability is on a first-come, first-serve basis, we encourage you to register as early as possible. You may register with Pearson VUE as soon as you receive the information from ABEM, but if payment is not made to the ABPM before the September 1 deadline, your registration with Pearson VUE will be cancelled. Candidates will not be allowed to take the examination if the fee has not been paid.

It is important to note that this examination is administered every other year. If you do not take the examination this year, the next opportunity will be in November 2014. If your certification expires in 2012, you must take and pass the November examination in order to maintain your certification. If your certification expires in 2014 and you take and pass this examination, your new 10 year period will not start until December 2014.

If you have any questions about the enclosed materials or the completion of the application form, please contact the ABPM office.
INSTRUCTIONS FOR COMPLETING THE APPLICATION

INSTRUCTIONS FOR COMPLETING THE 2012 MEDICAL TOXICOLOGY MOC EXAMINATION APPLICATION

1. Type or clearly print all information. Answer all questions. If "none" is applicable, so state. Incompleteness will result in unnecessary delay in processing.
2. Please check the address at which you wish to receive all official correspondence. If not specified, the home address will be used.
3. Please provide your social security number. For Canadians who do not have social security numbers, please give your social insurance number.
4. Please submit a copy of all current, valid, unrestricted, unqualified licenses to practice medicine in the United States of America, its territories or a province of Canada.
5. It is necessary to read, sign, date and have the application form notarized.
6. ABPM will acknowledge receipt of your application and fee. If you do not receive the acknowledgement, please contact ABPM.

CREDIT CARD PAYMENT

EXAMINATION FEE is due with the application and is non-refundable if registration for the exam is canceled less than 7 days prior to the exam. $1860.00*

FEE PAYMENT

Fees may be paid by credit card by completing the information below and submitting it with the application to the ABPM Board office at 111 W Jackson Blvd, Suite 1110, Chicago, IL 60604, or sending by fax to 312-939-2218.

* All fees are reviewed annually and subject to change at the direction of the Board.

CREDIT CARD INFORMATION

Name (as it appears on credit card):
Billing Address:
Select type of credit card:
Credit Card Number: 
Security Code: 
Expiration Date:  
Amount: 
Signature: 
Date: 

The Security Code is the 3 or 4 digit code found on the back (or front for American Express) of your credit card. All fees are in US dollars.
I hereby make application to the American Board of Preventive Medicine (ABPM), in accordance with and subject to its rules and regulations, to take the examination which may lead to recertification in Medical Toxicology by ABPM. I hereby certify that the information given in this application is true, complete and accurate to the best of my knowledge and that I have received and read the terms and conditions of this examination set forth in the Board’s 2012 MOC examination application packet. I further certify that I have fulfilled the credential requirements necessary for recertification.

I understand that: (a) falsification of this application, or (b) the submission of any falsified documents to the Board, or (c) the use of any falsified Board documents or the submission of such documents to other persons, or (d) the giving or receiving of aid in the examination as evidenced either by observation at the time of the examination or by statistical analysis of my answers and those of one or more other participants in that examination, or (e) the unauthorized possession, reproduction, recording, discussion, or disclosure of any materials, including, but not limited to, examination questions or answers, before, during, or after the examination; or (f) the offering of any financial or other benefit to any director, officer, employee, proctor, or other agent or representative of the Board in return for any right, privilege or benefit which is not usually granted by the Board to other similarly situated candidates or persons, may be sufficient cause for the Board to bar me permanently from all future examinations, to terminate my participation in the examination, to invalidate the results of my examination, to withhold my scores or certificate, to revoke my certificate, or to take other appropriate action.

I also understand that the Board may withhold my scores and may or may not require me to retake the examination if the Board is presented with sufficient evidence that the security of the examination has been compromised, notwithstanding the absence of any evidence of my personal involvement in such activities. I agree that the Board will not be liable for candidate travel and/or other losses or expenses incurred as a result of an examination cancellation or postponement.

By submitting this application, I agree to indemnify the Board and its committees and agents and hold them harmless from any claims or damages arising out of or in connection with this application, the grading or conduct of my examinations or the failure of the Board to issue me a certificate. I understand that the decisions as to whether I am admissible to the examination and as to whether my examination qualifies me for a certificate vest solely and exclusively in the Board and that its decision is final.

The examination booklets, answer sheets, and all other examination materials are the joint property of ABPM, the American Board of Pediatrics (ABP), and the American Board of Emergency Medicine (ABEM). I understand that these materials will not be available for review by examinees either before or after the examination.

The Board reserves the right to conduct and to report research studies of its examinations and its examination data for purposes of quality assurance, examination development and benefit to the specialty. Individual candidate confidentiality will not be violated or compromised.

I certify that I have read and understand the above information and that by my signature I authorize and request the persons listed in this application, representatives of the institutions named herein, any licensing boards, other persons and organizations to furnish any information requested by the American Board of Preventive Medicine on my training, medical practice and status of my medical license(s).
PERSONAL DATA

NAME:

Last
First
Middle
M.D./D.O.

ADDRESS:
Please complete both home and business addresses and telephone numbers and check your preferred mailing address.

☐ HOME

________________________________________
________________________________________
________________________________________

HOME TELEPHONE

________________________________________

E-MAIL ADDRESS

________________________________________

☐ BUSINESS

________________________________________
________________________________________

BUSINESS TELEPHONE

DATE OF BIRTH:

BIRTHPLACE: ☐ USA ☐ Other

SOCIAL SECURITY NUMBER:

or SOCIAL INSURANCE NUMBER: ______________________

MEDICAL LICENSURE

LIST LICENSES TO PRACTICE MEDICINE HERE:

Provide evidence of current licensure (showing expiration date) with this application.

Throughout the certification process, applicants and candidates must hold a current, valid, unrestricted, and unqualified license to practice medicine in the jurisdiction(s) (within the United States of America, its territories, or Canada) in which they practice. A physician who is not currently practicing medicine must maintain at least one license that meets the above stated criteria to fulfill the Board’s licensure requirements.

a. List all states, territories, and provinces in which you have held a license to practice medicine during the past 10 years. Please include license number and renewal/expiration dates.

________________________________________
________________________________________

b. List all states, territories, and provinces in which you have practiced medicine within the past 10 years.

________________________________________
________________________________________

Have all of your licenses for the jurisdictions listed in question b. been valid, unrestricted, and unqualified for the past 10 years?

☐ Yes ☐ No If any license is restricted, or with qualifications, provide details on a separate sheet.
OVERVIEW OF PROGRAM

The American Board of Medical Specialties (ABMS) approved a program to promote continuous learning and periodic assessment throughout the length of diplomates’ certifications.

To maintain certification beyond their current certificate’s expiration date, Medical Toxicology diplomates must participate in each of four components of the Medical Toxicology MOC program:

- **Professional Standing:** Physicians must continuously maintain medical licensure in compliance with the ABPM Policy on Medical Licensure – [Pg. 2]
- **Lifelong Learning and Self Assessment (LLSA):** Physicians must pass four LLSA tests based on designated readings within each ten-year certification. – [Pg. 3]
- **Assessment of Cognitive Expertise:** Physicians are required to take and pass a comprehensive, secure, proctored Medical Toxicology cognitive expertise examination in or before the year in which their certificates expire. – [Pg. 5]
- **Assessment of Practice Performance (APP):** Diplomates who are clinically active must participate in national, regional, or local practice improvement activities that meet Medical Toxicology APP requirements. They must report completion of these activities three times during their ten-year certification. The APP component will be phased in starting in 2011. – [Pg. 7]

Physicians whose Medical Toxicology certification has expired have options for regaining certification through the MOC program. – [Pg. 10]

Medical Toxicology diplomates who are certified in Preventive Medicine are not required to maintain their primary (Aerospace, Occupational, or Public Health/General Preventive Medicine) certification but must participate in the Medical Toxicology MOC program to maintain valid Medical Toxicology certification.
Component 1: Professional Standing

Requirements

- Physicians who are participating in the Medical Toxicology MOC program must continuously hold a current, active, valid, full, unrestricted, and unqualified license to practice medicine in at least one jurisdiction in the United States, its territories, or Canada and in each jurisdiction in which they practice.

- Physicians may hold additional licenses to practice medicine, each of which must be valid, full, unrestricted, and unqualified, or voluntarily inactive.

- Physicians who are participating in the Medical Toxicology MOC program must report to the Board all licenses they currently hold, and any licenses previously held that do not meet the ABPM Policy on Medical Licensure.

ABPM continuously receives medical license information from a third party verification agency for all ABPM diplomates and former diplomates.

Physicians who have reported issues with their medical license(s) or for whom ABPM has received information from a third party verification agency regarding actions against a license, will be blocked from registering for an LLSA test or Medical Toxicology cognitive expertise examination. ABPM will investigate the issues and notify physicians concerning their test or examination registration status.
Component 2: Lifelong Learning and Self Assessment

The purpose of the Medical Toxicology Lifelong Learning and Self-Assessment component is to promote diplomates’ continuous learning by periodically identifying a set of readings to guide them in self-study of recent Medical Toxicology literature, and to verify that they have attained an understanding of the content of the readings by requiring successful completion of four self-assessment tests based on those readings during their ten-year certification.

Requirements

Diplomates must pass four LLSA tests during their ten-year Medical Toxicology certification. They are limited to taking LLSA tests that are posted online during their ten-year Medical Toxicology certification. This requirement will be phased in between 2010 and 2018. See the section, “Phase-in of LLSA Requirements” for details.

Key Features of LLSA Tests

- An LLSA test will be posted on the ABEM website every other year and will remain online for four years.
- Each LLSA test consists of 20 to 30 multiple-choice questions based on biennial reading lists.
- LLSA tests are designed to be taken online.
- A passing score is achieved by answering 85% of the test questions correctly.

Procedures

- A list of 10 to 15 readings based on The Core Content of Medical Toxicology will be selected and posted on the ABEM website approximately 15 months before the LLSA test associated with those readings is posted.
- An online self-assessment test will be posted on the ABEM website on June 1 of odd-numbered years beginning in 2009.
- Physicians register for and take each LLSA test online. PC users should use Internet Explorer, Netscape, or Firefox as their browsers. Apple/Macintosh users should use Firefox as their browser.
- A physician has up to three opportunities per registration to pass an LLSA test. An opportunity to pass is defined as clicking the Score Test button, which submits the test for scoring.
- An incomplete test can be saved and resumed an unlimited number of times before it is submitted for scoring, provided that test is available to the physician; i.e., the four year period during which the test is posted online has not expired, and the physician has not renewed certification since registering for the test.
- A physician may register for an LLSA test as many times as necessary to pass it, as long as the test is available to the physician.
- LLSA tests will be scored immediately after they are submitted for scoring and physicians will be able to view their scores online, and print or email a certificate of completion.
INFORMATION ABOUT LLSA TEST CONTENT
The Medical Toxicology Subboard recently decided to eliminate the quantified link between the Medical Toxicology LLSA content specifications and the Medical Toxicology Core Content, essentially getting rid of the designated and non-designated content distinction within the Medical Toxicology LLSA reading lists. This allows the LLSA editors to select the best recent literature for each biennial LLSA reading list without having to restrict their choices to designated vs. non-designated areas. The 2015 Medical Toxicology LLSA Reading List will therefore be reflective of the entire Core Content for Medical Toxicology, rather than specifically designated areas.

The Medical Toxicology Subboard solicits readings from outside organizations and individual diplomates. Diplomates who wish to submit suggestions for future LLSA readings can find submission forms and instructions on the ABEM website, www.abem.org.

The Subboard will use the following criteria for selecting LLSA readings:

- Focus on recent advances or current issues in the practice of Medical Toxicology
- Be drawn from peer-reviewed Medical Toxicology journals, other peer-reviewed journals, textbook chapters, or updated practice guidelines
- Be published within the seven years immediately preceding the test date, in printed or electronic form
- Relate directly to one or more of the content areas with The Core Content of Medical Toxicology.
Component 3: Assessment of Cognitive Expertise

Requirements

- Diplomates must take and pass the Medical Toxicology MOC assessment of cognitive expertise examination to renew their Medical Toxicology certifications for another ten years.

- To be eligible to take the cognitive expertise examination in the year their certificate expires, diplomates must pass four LLSA tests during their ten-year Medical Toxicology certification.

- LLSA requirements for diplomates to take the Medical Toxicology cognitive expertise examination will be phased in between 2010 and 2018. See the section, “Phase-in of LLSA Requirements” for details.

- Diplomates may take the cognitive expertise examination before the year in which their certificates expire. LLSA requirements are pro-rated based on the number of years since the diplomate’s last certification date. See the section, “LLSA Requirements for Taking the Cognitive Expertise Examination Early” for details.

- Former diplomates may take the cognitive expertise examination to regain certification if they meet the requirements described in the section on Page 10, “Regaining Certification after Certification has Expired”.

Key Features of the Medical Toxicology Cognitive Expertise Examination

- The Medical Toxicology cognitive expertise examination is a secure, proctored 6.5 hour examination administered at over 200 computer-based Pearson VUE testing centers around the United States and Canada on a single day every two years.

- The examination consists of approximately 300 multiple-choice questions.

- The questions are derived from the Core Content of Medical Toxicology and focus on what the practicing Medical Toxicologist needs to know.

- The examination is analogous to the former recertification examination and has the same look and feel

- A score of 66 or greater is required to pass the examination. The examination standard is determined using the same process that is used for the certification examination and that was used for the former recertification examination.
PHASE-IN OF LLSA REQUIREMENTS

LLSA requirements will be phased in between 2010 and 2018, as illustrated in the following table.

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<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td># of LLSA Tests Required</td>
<td>0</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

MEDICAL TOXICOLOGY AND ABPM LLSA RECIPROCITY

The Medical Toxicology LLSA tests a physician passes will count toward any ABPM primary specialty LLSA requirements current at the time the physician passed the test.

ABPM LLSA/MOC activities taken during the Medical Toxicology certification period will count toward Medical Toxicology LLSA requirements.
Component 4: Assessment of Practice Performance

Beginning in 2011, clinically active Medical Toxicology diplomates must participate in the assessment of practice performance (APP) component of the MOC program. The purpose of this component is to ensure diplomate involvement in ongoing practice improvement activities.

REQUIREMENTS

- Clinically active Medical Toxicology diplomates will be required to complete three improvement activities during their ten year certification, and will attest that they have completed those activities as follows.
  - Attest to completion of one patient care practice improvement activity by the end of the fourth year of their certification
  - Attest to completion of one patient care practice improvement activity between the fifth and the end of the eighth year of certification
  - Attest to completion of a communication/professionalism improvement activity by the end of their eighth year of certification.

- Clinically active Medical Toxicology diplomates must complete APP activities that meet conditions acceptable to ABPM. These conditions are described in the sections, “Description of Acceptable Patient Care Practice Activities” and “Description of Acceptable Communication and Professionalism Activities”.

- Diplomates engaged in APP activities are required to identify an independent verifier of the diplomate’s APP activities. The verifier must be someone with oversight or knowledge of practice performance. Ten percent of APP attestations will be randomly selected for verification. Verifiers will be asked to affirm that the diplomate’s APP activities meet ABPM requirements.

- APP requirements will be phased in to allow diplomates sufficient time to complete their required activities. The phase-in schedule is described in the section, “Phase-In of Medical Toxicology APP Requirements”.

DEFINITION OF CLINICAL ACTIVITY STATUS

Medical Toxicology diplomates who provide direct or consultative patient care, or who work primarily with patient population issues, and can meet the requirements for the number of patients to include in data collection for an APP activity are considered to be clinically active.

Because APP is designed for diplomates involved in patient care activities, diplomates who do not see or consult on behalf of sufficient patients to complete required APP activities and who are not involved with issues related to patient populations will not have an APP requirement. These diplomates will be designated as clinically inactive.

Clinically inactive diplomates will be able to maintain their Medical Toxicology certification by participating in the first three components of the Medical Toxicology MOC program.
DESCRIPTION OF ACCEPTABLE PATIENT CARE PRACTICE IMPROVEMENT ACTIVITIES

Patient care practice improvement activities within the APP component are those focused on improvement in some aspect of patient care other than communication or professionalism, although feedback from patients relating to the clinical care given can be included.

Medical Toxicology APP patient care practice improvement activities must include the following four steps:

1. Initial data collection to identify the physician’s current level of performance with respect to a patient care issue
   - Review patient clinical care data from ten patients
   - The data must be related to a single presentation, disease, or clinical care process that is part of *The Core Content of Medical Toxicology*
   - Group data is acceptable if the individual diplomate’s data is included
   - Patient data include any of the following
     - Clinical care processes
     - Feedback from patients that relates to the clinical care given
     - Outcomes of clinical care
     - Access to care
     - Health parameters for a patient population, patient population processes, or the services to patients provided by a health-related organization.

2. Comparison of the collected data to evidence-based guidelines for the patient care issue. If such guidelines are not available, diplomates may use expert consensus or comparable peer data.

3. Development and implementation of a practice improvement plan intended to improve the patient care issue. This may be an individual or group effort. The practice improvement plan could include a change in a process, adding clinical reminders, personal education, etc.

4. Collection of new data from ten additional patients with the same presentation, disease, clinical process, or service as the first patient data review to assess the degree to which the intervention improved the patient care issue being addressed.

Diplomates may use practice improvement or quality improvement programs in which they already participate if they meet the requirements described above.

DESCRIPTION OF ACCEPTABLE COMMUNICATION/PROFESSIONALISM ACTIVITIES

Communication/professionalism activities within the APP component involve administration of an instrument to obtain feedback from patients, or in some instances peers, about the physician’s communication and professionalism skills.

Communication/professionalism activities that will meet Medical Toxicology APP requirements have the following characteristics:

- Feedback data is collected from a minimum of 10 patients using a patient survey. If the diplomate does not provide direct patient care to a sufficient number of patients to meet
this requirement, diplomates may use a peer review survey with feedback data from a minimum of 10 peers. A minimum of one physician behavior must be measured from each of the following three categories:

- Communications/listening, for example, communicating clearly with patients and other medical staff by listening carefully and couching language at the appropriate level for the listener
- Providing information, for example, explaining the clinical impression and anticipated management course to the patient and the patient’s family, providing information about tests and procedures, and giving the patient options
- Showing concern for the patient, for example, showing respect to the patient and other medical staff, making the patient feel comfortable by asking if they have any questions or concerns and striving to address their concerns, and asking the patient about adequate pain relief.

Diplomates may use existing patient surveys or peer surveys such as those that are part of a 360° evaluation process.

**Phase-in of Medical Toxicology APP Attestations**

The table below shows the phase-in of attestations of patient care practice improvement (PI) and communication and professionalism (CP) activities completed, for each certification expiration year from 2010 through 2020.

<table>
<thead>
<tr>
<th>Year Certificate Expires</th>
<th>APP Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010 and 2012</td>
<td>No APP requirement until after certification is renewed</td>
</tr>
<tr>
<td>2014</td>
<td>Attest to completion of one PI activity by the end of 2014</td>
</tr>
<tr>
<td></td>
<td>No other APP requirements until after certification is renewed</td>
</tr>
<tr>
<td>2016</td>
<td>Attest to completion of one PI activity by the end of 2016</td>
</tr>
<tr>
<td></td>
<td>No other APP requirements until after certification is renewed</td>
</tr>
<tr>
<td>2018</td>
<td>Attest to completion of one PI activity between 2013 and the end of 2018</td>
</tr>
<tr>
<td></td>
<td>Attest to completion of one CP activity by the end of 2018</td>
</tr>
<tr>
<td>2020</td>
<td>Attest to completion of one PI activity by the end of 2016</td>
</tr>
<tr>
<td></td>
<td>Attest to completion of one PI activity between 2016 and the end of 2020</td>
</tr>
<tr>
<td></td>
<td>Attest to completion of one CP activity by the end of 2020</td>
</tr>
</tbody>
</table>

**Medical Toxicology and ABPM Reciprocity**

Physicians who are maintaining their certification in both an ABPM specialty and Medical Toxicology will be able to use ABPM-approved Practice Performance Assessment activities or Medical Toxicology improvement activities to satisfy the requirements of both programs.
Regaining Certification After Certification Has Expired

Diplomates who do not take or take but do not pass the cognitive expertise examination in or before the year in which their certificates expire are former diplomates and are no longer certified in Medical Toxicology. Certificates cannot be extended for any reason.

Starting in 2012, former diplomates have three options for regaining certification, depending on their circumstances.

1. Former diplomates who took and failed the cognitive expertise examination in the tenth year of their certification and those who did not take the cognitive expertise examination but completed the required number of LLSA tests before their certificates expired may regain certification through the Medical Toxicology MOC program by doing the following.
   - They must take and pass the first LLSA test that becomes available after their certificates expire.
   - They must then take and pass the first cognitive expertise examination that is administered after their certificates expired.

   If they do not complete both of these activities, former diplomates must take and pass the Medical Toxicology certification examination to regain certification.

2. Former diplomates who missed one or two LLSA tests by the time their certificates expired can regain certification by completing the required number of LLSA tests and then registering for, taking, and passing the next available cognitive expertise examination. This option must be completed within two years following the expiration of their certificates.

   Former diplomates who do not take, or take but do not pass, the next available cognitive expertise examination administered after they complete their missing LLSA tests, must take and pass the Medical Toxicology certification examination to regain certification.

3. Former diplomates who completed two or fewer LLSA tests during their ten-year certification must take and pass the Medical Toxicology certification examination to regain certification.

Prior to 2012, Medical Toxicology former diplomates who wish to regain certification will continue to do so by taking the Medical Toxicology cognitive expertise examination at least once every other administration of the examination. If they do not take the examination at least once every other administration, they must regain certification by taking the Medical Toxicology certification examination.