Valid for CE until April 23, 2023

You may listen to or view the recorded lecture at your convenience and earn home study credit. Expiration date: April 23, 2023

**Interactive Webcasts**

**ADVANCES IN UNDERSTANDING, PREVENTING, AND TREATING COVID-19**

- **Interactive Webcasts with Credit:**
  - Wednesday, July 29, 2020, 9 AM – 4 PM (PDT)
  - Wednesday, August 12, 2020, 9 AM – 4 PM (PDT)
  - Friday, August 21, 2020, 9 AM – 4 PM (PDT)
  - Monday, August 31, 2020, 9 AM – 4 PM (PDT)

- **On-Demand Webcast with Credit:**
  - July 29, 2020 – October 1, 2020

**Purchase of Recordings with Home Study CE Credit through April 23, 2023:**

- 4 Audio CDs
- 4 Audio-Visual DVDs

**Purchasing of Recordings without CE Credit:**

- 4 Audio CDs, $50
- 4 Audio-Visual DVDs, $75

**Tuition is in US dollars.**

**Name (please print):**

**Home Address:**

**City/State/Zip:**

**Work Phone ( ) Home Phone ( ) Fax ( )**

**Email (please print email if available):**

**Profession(s):**

**REGISTRATION**

- $84 Individual Rate
- $79 Group Rate (3 or more persons registering together)

**Registration on the Day of the Program**

- $94

**Four Ways To Register**

1. Internet: www.ibpceu.com
2. Mail: PO Box 2238, Los Banos, CA 93635
3. Fax: (877) 517-5222
4. Phone: (866) 652-7414 (open 24 hours a day, 7 days a week)

Purchase orders are accepted. IBP tax identification number: 77-0026830

- **Type of Credit Card:** Visa MasterCard AmEx Discover
- **Card #** Exp Date
- **Signature**

- **NURSES:** Institute for Brain Potential (IBP) is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center’s Commission on Accreditation. Institute for Brain Potential is approved as a provider of continuing education by California Board of Registered Nursing, Provider #CEP13986, and Florida Board of Nursing.
- **PSYCHOLOGISTS:** Institute for Brain Potential is approved by the American Psychological Association to sponsor continuing education for psychologists. Institute for Brain Potential is approved as a provider of continuing education by the Colorado Department of Education. Institute for Brain Potential is a pre-approved provider of CE credits. Institute for Brain Potential is approved as a provider of continuing education by the Florida Board of Psychology. This course provides 6 hours of CE credit.
- **COUNSELORS, SOCIAL WORKERS & MFTs:** Institute for Brain Potential has been approved by NBCC as an Approved Continuing Education Provider, ACEP No. 5482. Programs that do not qualify for NBCC credit are clearly identified. Institute for Brain Potential is solely responsible for all aspects of the programs. This program provides 6 clock hours.

- **Thursday, October 1, 2020**

**Registration**

- $84 Individual Rate
- $79 Group Rate (3 or more persons registering together)

**Registration on the Day of the Program**

- $94

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**PHARMACISTS & PHARMACY TECHNICIANS:** Institute for Brain Potential is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. The interactive webcast is a knowledge-based activity with UANs 0492-0000-20-042-L04-P and 0492-0000-20-042-L04-T. The on-demand webcast and home study PDF are knowledge-based activities with UANs 0802-0000-20-043-H14-P and 0492-0000-20-043-H14-T. Initial Release Date: 04/23/2020. Planned Expiration Date: 04/22/2023. The program has been pre-approved by the Florida Board of Pharmacy for 6 hours of continuing pharmacy education.

**CHEMICAL DEPENDENCY PROFESSIONALS:** This course has been approved by Institute for Brain Potential, as a NAADAC Approved Education Provider, for 8 CEUs. NAADAC Provider #102499. Institute for Brain Potential is responsible for all aspects of its program.

**DENTAL PROFESSIONALS:** This program offers 6 CE hours of continuing education for licensed dental hygienists. This program is for 6 hours of CE credit by the Dental Hygienists Board of Florida. Institute for Brain Potential is an approved provider by the Florida Board of Dentistry.

**NURSES:** Institute for Brain Potential (IBP) is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center’s Commission on Accreditation. Institute for Brain Potential is approved as a provider of continuing education by California Board of Registered Nursing, Provider #CEP13986, and Florida Board of Nursing.

**ADVANCES IN UNDERSTANDING, PREVENTING, AND TREATING COVID-19**

A 6-Hour Program for Health Professionals

**Interactive Webcast Schedule:** Sign-in: 8:30 – 9 AM; program starts: 9 AM; lunch break: 11:30 AM; online Q & A: 12 – 12:30 PM; lecture resumes: 12:30 PM; adjournment: 4 PM. Please register early and sign in 30 minutes before the time of the webcast.

**On-Demand Webcast Schedule:** You may view the program in segments at your convenience from Friday, June 26, 2020 until Saturday, August 29, 2020. Registrants who sign up for the interactive webcast may elect to take the on-demand webcast.

**Home Study Schedule:** You may listen to or view the recorded lecture at your convenience until the expiration date: April 23, 2023.

**Group Registrations:** Rates apply for three or more pre-registered guests enrolling together. Please complete a separate registration form for each person. Members of a group can watch interactive or on-demand webcast, or order home study recordings on different dates.

**Confirmation Notices and Certificates of Completion:** We will confirm your registration by email or by letter. Please attend even if you do not receive a confirmation. Successful completion includes full attendance, submission of the evaluation form, and for home study credit, submission of the post-test. No partial credit will be given. Certificates of completion for the interactive and on-demand webcast will be issued upon receipt of the evaluation form and the post-test.

**Transfers and Cancellations:** Registrants can transfer to another webcast or receive an audio CD or audiovisual DVD of the program. Registrants canceling up to 48 hours before a webcast can request a full refund less a $15 processing fee or an audio CD or audiovisual DVD of the program with the instructional outline for home study credit. Alternatively, a full-value voucher can be obtained good for one year for a future program. In the unlikely event that the program cannot be held, registrants will receive free admission to a rescheduled program or a full-value voucher, good for one year, for a future program. All requests must be made in writing or online. No IBP program has ever been cancelled as the result of low attendance.

**User-Friendly Technical Support:** If you are not computer savvy, we can help. Just call us anytime at (650) 458-5352. We have presented webcasts to over 100,000 health professionals since 2013.

24/7 Customer Service: Call (888) 202-2938 to ask about course content, instructors, request accommodations for disability, submit a formal grievance, or remove your name from a list. For other questions, call (866) 652-7414.

**Institute for Brain Potential:** Since 1984, our non-profit organization (tax ID 77-0026830) has presented informative and practical seminars. IBP is the leading provider of accredited programs concerning the brain and behavioral sciences.

The only thing the virus seeks is targets. It does not think or feel. The virus will continue its unrelenting spread as long as people believe the viral spread of misinformation.
FREQUENTLY ASKED QUESTIONS

Q: Is there a way to enjoy the webcasts without being at my computer for 6 hours? What if I am not free on any of the scheduled dates of the broadcasts?

Yes! First, register for the program. You will receive a link to view the program starting July 29 until October 1. The program will be divided into four segments of approximately 75 minutes for user-friendly viewing.

Q: What if I have technical issues getting and staying connected, difficulty seeing the slides, or hearing the speakers?

We have an expert videographer to capture the sound and slides. We will make copies of the outline available to the participants. Further, in the unlikely event that you have connection problems, IBP will provide registrants with a free set of 4 CDs or DVDs of the entire program.

Q: I’d like to view the program and receive credit but without watching the live program or downloading it and still receive continuing education credit. Can I do this?

Yes! First, register for the program. You will receive a link to view the program starting July 29 until October 1. The program will be divided into four segments of approximately 75 minutes for user-friendly viewing.

Q: My profession is not included on the brochure. Can I participate?

Yes, but only if you live in a city where IBP is currently presenting. This new program has four key features:

1. Highly comprehensive yet comprehensible.
2. A focus on topics rarely covered including immune-protective habits and nutritional interventions.
3. Once you enroll, you will receive free updates prepared by Sally Fisher, MD.
4. Dr. Fisher, an outstanding speaker, has developed national continuing education programs for many years. She is Board Certified in relevant areas including Preventive Medicine and the American Society of Physician Nutrition.

Participants completing this 6-hour program should be able to identify:

1. Best practices in reducing morbidity, mortality, and duration of the pandemic in the United States.
2. Current knowledge concerning the effectiveness of drugs or other medical treatments designed to prevent illness or treat patients and health professionals.
4. Evidence that selected nutrients can improve immune system health.

Invasion’s Impact of COVID-19

- Understanding Viruses: how do they work? Are they alive? They are a key part of our genome, yet multiply by hijacking our DNA.
- Understanding Coronavirus: a strain of RNA encircling the body with spikes for docking; a more infectious strain of COVID-19 is now the most common throughout most of the United States.
- Virulence that COVID-19 initially docks onto ACE2 receptors in the mouth, nose, and eyes and can then invade these receptors in the brain, lungs, heart, liver, kidneys, and GI tract.
- Typical immune system symptoms: dry cough, chest pain, headache, chest pain, chills, GI symptoms, and impaired sense of smell and taste.
- Infected People Who Do Not Exhibit Symptoms: what percent of people test positive for the virus but lack symptoms?
- Multi-Organ Danger Posed by Coronavirus in Adults
  - • Immune system dysfunction: immune system symptoms occur in about half of patients who can include dizziness, headache, impaired consciousness, and impaired sense of taste or smell.
  - • Immune inflammation: alveoli, hypoxia, acute respiratory distress syndrome, and cytokine storms.
  - • Heart and Blood Vessels: ACE2 receptors in the inner lining of blood vessels (endothelium) produce inflammatory cytokines, especially risk of blood clot, especially in patients that do not benefit from ventilation.
  - • Liver: up to half of hospitalized patients develop liver pathology, some from the virus itself, and others from toxicity of antiviral medications.
  - • Kidneys: ACE2 receptors in the kidneys regulate blood pressure; kidney failure may be due to plummaging blood pressure.
  - • GI Tract: infection of the lower intestine occurs in about 20% of value.
- Cytokine Storm
  - • Hypoxia Requiring Mechanical Ventilation: understanding oxygen mechanics is key.
  - • Hypoxia Worsened by Mechanical Ventilation: how widespread clotting undermines the lungs.
- Multi-System Inflammatory Syndrome in Children
  - • Key Features: a hyper-inflammatory response in previously healthy children.
  - • Symptoms: rash, red eyes, strawberry tongue, inflammation, shock, toxic shock; risks of myocarditis and cardiogenic shock.
  - • Treatment: criteria for hospitalization and ICU.

Infection and Recovery

- Confirmed Cases: people who test positive for the virus; how reliable are tests including those designed for home use?
- Unconfirmed Cases: for every confirmed case, how many underlying the cytokine storm; barbier interacts with certain drugs.
- Asymptomatic and Presymptomatic Carriers: what percent of people spread the virus?
- The Rapid and Cost-Effective Test: the inexpensive test that requires only a sample of saliva, takes 10 minutes to score and can detect most people who are infected; potential use to open schools and businesses.
- Development of Antibodies: why many of the first generation tests had excessive false positives; the most accurate antibody tests; antibodies are how antiviral drugs or viral infections and have antioxidant effects. Glutathione reportedly reduces ventilator-associated pneumonia.
- Antioxidants: passionflower and chamomile.
- Garlic lab studies show that garlic has specific antiviral effects that promote beneficial changes in the innate and adaptive branches of the immune system.
- N-Acetyl-cysteine (NAC): found in selected proteins, NAC is needed to produce glutathione, a key antioxidant. Both NAC and glutathione help prevent oxidative damage form viral infections and have antioxidant effects. Glutathione reportedly reduces ventilator-associated pneumonia.
- Magnesium: anti-inflammatory, anti-anxiety, and immune-enhancing effects related to its hypotonic action.
- Sources and Indications: the case against supplementation and for a plant-based diet; nutrients that are likely to confer primary prevention; potential antiplatelet and antioxidant nutrients during recovery.

Guidelines for Preventing Future Epidemics

- Future Risks: observations on the Spanish Flu, the emergence of SARS, MERS, and COVID-19, and prevention of the next pandemic including the far more lethal risk of bird flu.

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