Mayo Clinic Pharmacy Grand Rounds

Activity Description
Mayo Clinic Pharmacy Grand Rounds Podcast is a weekly podcast delivered by pharmacists to healthcare professionals who routinely manage the selection and monitoring of medication(s) as part of their patient care duties. Each week, speakers deliver insight to healthcare providers on evidence-based pharmacology topics in nearly every specialty area. The podcast content applies to pharmacists, physicians, physician assistants, and nurse practitioners in the inpatient and ambulatory care practice settings who care for neonatal through geriatric patient populations.

Target Audience
This activity is appropriate for physicians, pharmacists, nurse practitioners, physician assistants, residents, fellows, students and allied health professionals.

Learning Objectives
Upon conclusion of this activity, participants should be able to:
- Select patient-specific pharmacotherapy for a broad scope of disease states
- Recall evidence-based literature to direct medication best-practices
- Identify controversial pharmacology topics and their potential impact on patient care

Attendance at this Mayo Clinic course does not indicate nor guarantee competence or proficiency in the performance of any procedures which may be discussed or taught in this course.

Accreditation Statement
In support of improving patient care, Mayo Clinic College of Medicine and Science is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC) to provide continuing education for the healthcare team.

Credit Statement(s)*

AMA
The Mayo Clinic College of Medicine and Science designates this enduring material for a maximum of 7.25 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

ACPE
Mayo Clinic College of Medicine and Science designates this educational activity for a maximum of 7.25 ACPE Knowledge-based contact hours. Participants should claim only the credit commensurate with the extent of their participation in the activity.

ANCC
Mayo Clinic College of Medicine and Science designates this enduring material for a maximum of 7.25 ANCC contact hours. Nurses should claim only the credit commensurate with the extent of their participation in the activity.

AAPA
Mayo Clinic College of Medicine and Science has been authorized by the American Academy of PAs (AAPA) to award AAPA Category 1 CME credit for activities planned in accordance with AAPA CME Criteria. Approval is valid until 09/02/2023. This activity is designated for 7.25 AAPA Category 1 CME credits. PAs should only claim credit commensurate with the extent of their participation.
Disclosure Summary
As a provider accredited by Joint Accreditation Interprofessional Continuing Education, Mayo Clinic College of Medicine and Science must ensure balance, independence, objectivity and scientific rigor in its educational activities. Course Director(s), Planning Committee Members, Faculty, and all others who are in a position to control the content of this educational activity are required to disclose all relevant financial relationships with any commercial interest related to the subject matter of the educational activity. Safeguards against commercial bias have been put in place. Faculty also will disclose any off label and/or investigational use of pharmaceuticals or instruments discussed in their presentation. Disclosure of these relevant financial relationships will be published in activity materials so those participants in the activity may formulate their own judgments regarding the presentation.

Listed below are individuals with control of the content of this program who have disclosed…

Relevant financial relationship(s) with industry:
None

No relevant financial relationship(s) with industry:
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Garrett E. Schramm, Pharm.D.
Hannah Sauer, Pharm.D.
Lee P. Skrupky, Pharm.D.
Nicholas J. Vollmer, Pharm.D.
Andrew J. Webb, Pharm.D.
Alex B. Wontor, Pharm.D.

References to off-label and/or investigational usage(s) of pharmaceuticals or instruments in their presentation:

<table>
<thead>
<tr>
<th>Name</th>
<th>Pharmaceutical Company and Product(s)</th>
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<tbody>
<tr>
<td>Mikhaila L. Rice, Pharm.D.</td>
<td>Merck &amp; Co, Inc. - Letermovir</td>
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<tr>
<td>Allison P. Golbach, Pharm.D.</td>
<td>Dronabinol, Nabulone</td>
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<tr>
<td>Andrew J. Webb, Pharm.D.</td>
<td>X-Gen Pharmaceuticals, Inc. – Neomycin</td>
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<td>Eli Lilly &amp; Co – Vancomycin, Tobramycin</td>
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<td>Sandoz Inc – Amikacin</td>
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<td>Merck Inc. – Gentamicin</td>
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<td>Pfizer Inc. – linezolid, Clindamycin</td>
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<td>Janssen Inc – Levofloxacin</td>
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<td>Bayer Pharmaceuticals – Ciprofloxacin</td>
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<td>Sanofi, LLC – Telithromycin</td>
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<tr>
<td>Mikhaila L. Rice, Pharm.D.</td>
<td>Merck &amp; Co., Inc.: Letermovir</td>
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<tr>
<td>Casey O'Connell, Pharm.D.</td>
<td>Fluoxetine, Sertraline, Citalopram, Escitalopram, Paroxetine, Fluvoxamine, Lithium, Ondansetron, Cyproheptadine, Olanzapine, Chlorpromazine</td>
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<tr>
<td>Mikaela M. Hofer, Pharm.D.</td>
<td>Amitriptyline, Brexanolone, Buproprion, Citalopram, Duloxetine, Escitalopram, Fluoxetine, Fluvoxamine, Norotripylone, Paroxetine, Sertraline, Venlafaxine</td>
</tr>
<tr>
<td>Jade L. Kutzke, Pharm.D.</td>
<td>Biogen &amp; Genentech, Inc.: Rituximab, Novartis Pharmaceuticals, Inc.: Cyclosporine A, Hospira, Inc.: Vincristine, Cumberland Pharmaceuticals, Inc.: N-acetylcysteine, Millenium Pharmaceuticals, Inc.: Bortezomib, &amp; Shire Pharmaceuticals, Inc.:</td>
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Recombinant ADAMTS13

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<tr>
<th>Name</th>
<th>Medications</th>
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<tr>
<td>Abby K. Hendricks, Pharm.D.</td>
<td>Aripiprazole, Asenapine, Chlorpromazine, Haloperidol, Lurasidone, Olanzapine, Paliperidone, Quetiapine, Risperidone, Thiothixene, Ziprasidone, Lorazepam, Melatonin, Ramelteon, Suvorexant, Valproate</td>
</tr>
<tr>
<td>Alex B. Wontor, Pharm.D.</td>
<td>Acetaminophen, Atenolol, Cholestyramine resin, Dexamethasone, Digoxin, Diltiazem, Esmolol, Hydrocortisone, Lithium, Saturated solution of potassium iodide (SSKI), Methimazole, Metoprolol, Propranolol, Propylthiouracil</td>
</tr>
<tr>
<td>Victoria R. Milano, Pharm.D.</td>
<td>Prednisone, Methylprednisolone, Mycophenolate, Tacrolimus, Cyclophosphamide, Infliximab, &amp; Tocilizumab</td>
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For disclosure information regarding Mayo Clinic School of Continuous Professional Development accreditation review committee member(s) please visit: https://ce.mayo.edu/content/disclosures.

**Mayo Disclaimer**
Participation in this Mayo Clinic educational activity does not indicate nor guarantee competence or proficiency in the performance of any procedures which may be discussed or taught in this course. You should be aware that substantive developments in the medical field covered by this recording may have occurred since the date of original release.

**Prerequisites for Participation**
There are no prerequisites needed prior to participating in this education activity.

**How to Obtain Credit**
To obtain credit, complete the post-test, evaluation and submit.

**Method of Participation**
Participation in this activity consists of listening to the online podcast and completing the post-test and evaluation.

**Release and Expiration Dates**
- Release Date: September 2, 2020
- Expiration Date: September 2, 2023

**Acknowledgement of Commercial Support (required when applicable)**
No commercial support was received in the production of this activity.

**Faculty and Course Director Listing and Credentials**

- Course Directors:
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  - Jane A. Linderbaum, APRN, C.N.P.
  - Andrew J. Herber, P.A.-C.

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  - Andrew J. Webb, Pharm.D.
  - Linda L. Huang, Pharm.D.
  - Abby K. Hendricks, Pharm.D.
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  - Casey R. O'Connell, Pharm.D.