PHARMACY TECHNICIAN CERTIFICATION BOARD

PTCB
Pharmacy Technician Certification Board®

Pharmacy Technician Law Review: "Who's on first, What's on second, I Don't Know is on third"

Southeastern Michigan Society of Health-System Pharmacists

Deeb Eid, PharmD, RPh
Executive Resident

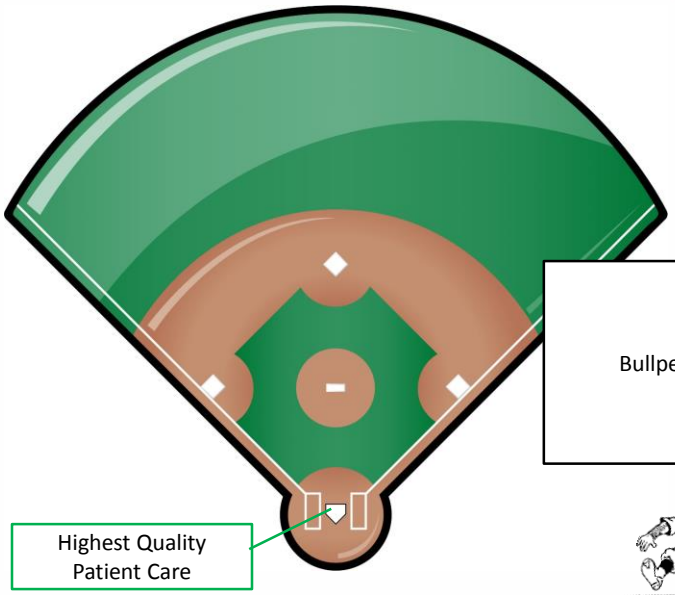
Setting the Standard.
Advancing Patient Care.

Disclosure Statement

I, Deeb Eid, disclose no vested interest or affiliation with any corporate organization offering financial support or grant monies for this continuing education activity. I am, however, an employee of the Pharmacy Technician Certification Board (PTCB). The ideas represented within this presentation are mine and do not directly reflect those of PTCB.

Learning Objectives

1. Identify national regulatory landscape for pharmacy technicians and describe recent updates or changes in laws.
2. Compare and contrast evolving practice models, advancing patient safety, and expanding patient care as laws continue to change.
3. Describe the potential impact of pharmacy technician certification, education, training, and research looking ahead.

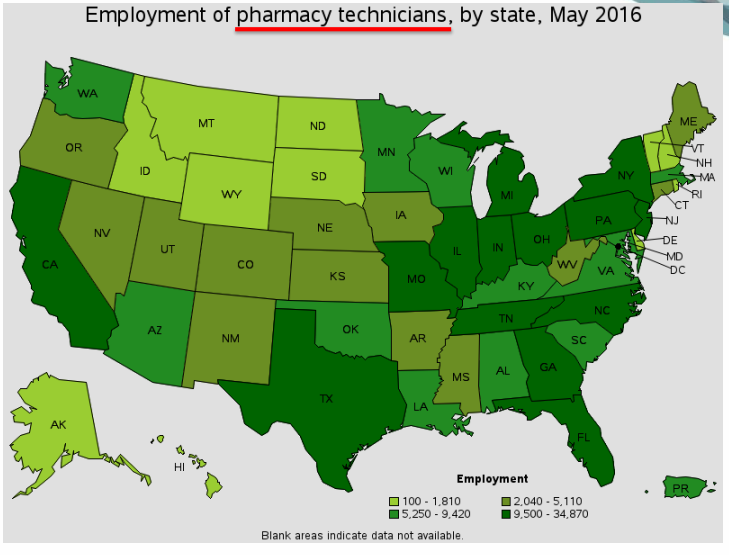


By The Numbers:
Pharmacy Technicians

398,390

Prepare medications under the direction of a pharmacist. May measure, mix, count out, label, and record amounts and dosages of medications according to prescription orders.

U.S. Bureau of Labor Statistics, March, 2017 https://www.bls.gov/oes/current/oes292052.htm



U.S. Bureau of Labor Statistics, March, 2017

U.S. Bureau of Labor Statistics, March, 2017

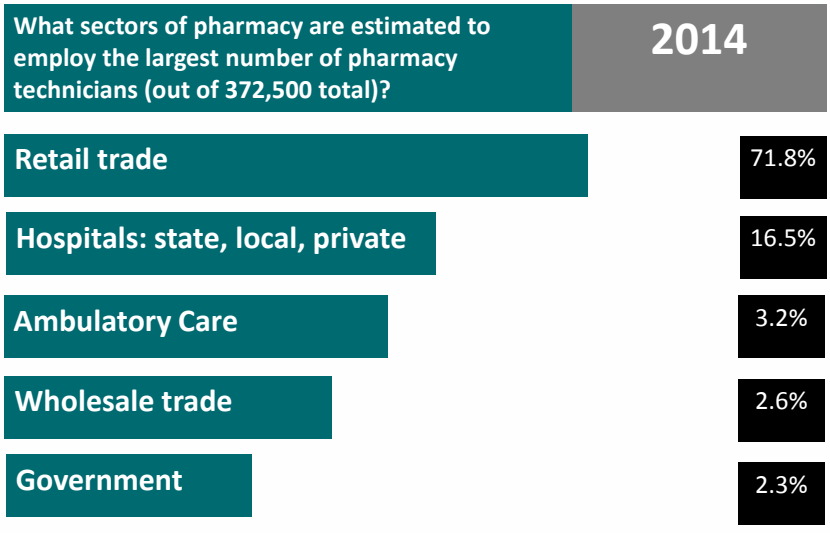
By The Numbers:
Pharmacy Aides

36,660

Record drugs delivered to the pharmacy, store incoming merchandise, and inform the supervisor of stock needs. May operate cash register and accept prescriptions for filling.

U.S. Bureau of Labor Statistics, March, 2017 https://www.bls.gov/oes/current/oes292052.htm

By The Numbers



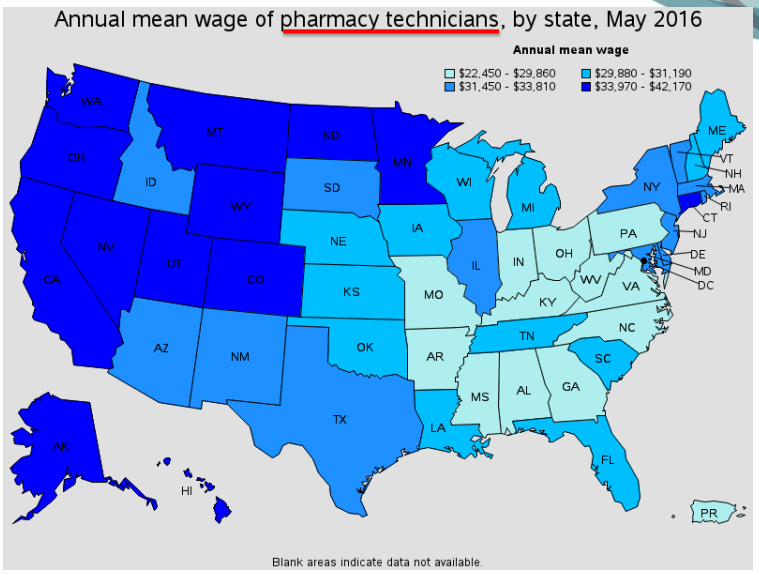
U.S. Bureau of Labor Statistics, March, 2017

By The Numbers:
Pharmacy Technicians

$15.47

$32,170

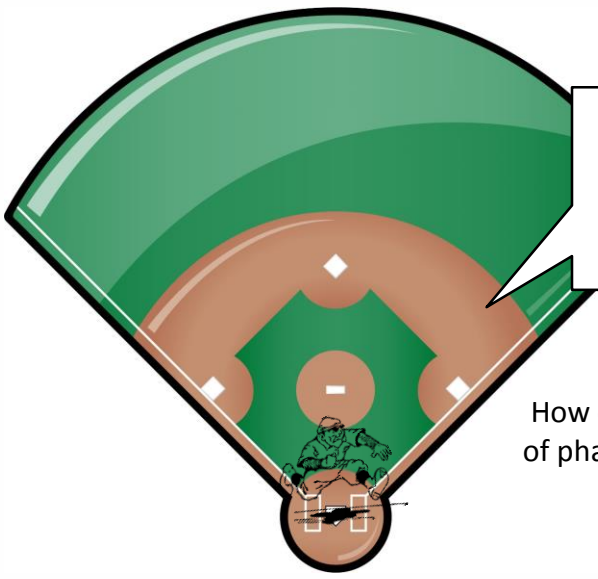
U.S. Bureau of Labor Statistics, March, 2017 https://www.bls.gov/oes/current/oes292052.htm



U.S. Bureau of Labor Statistics, March, 2017

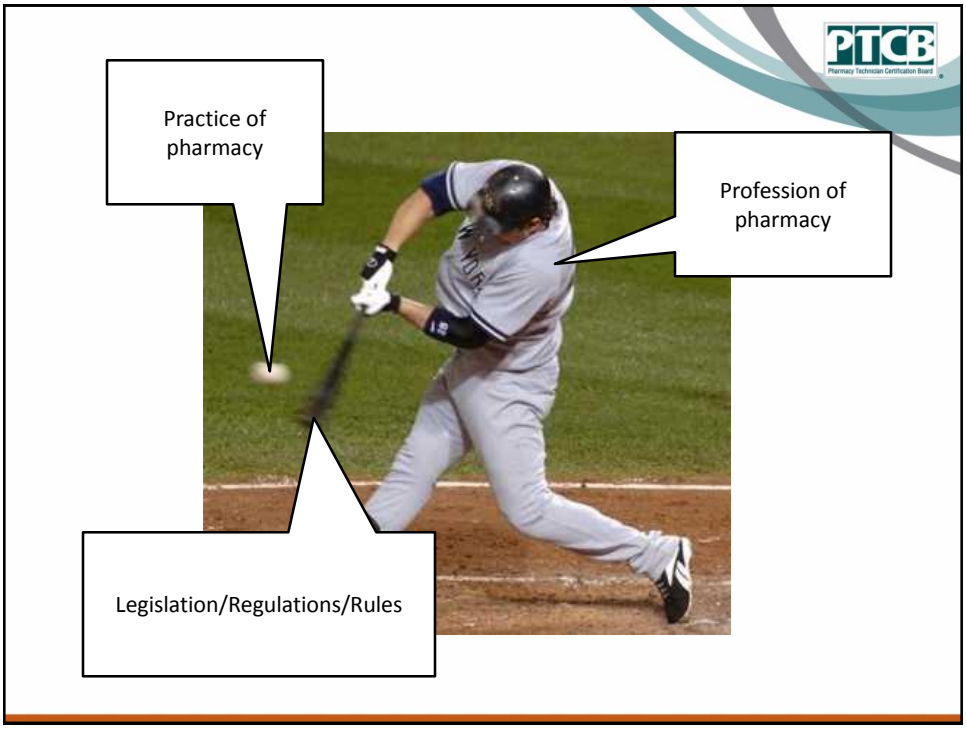
Pharmacy Technicians

U.S. Bureau of Labor Statistics, March, 2017



Who's on First:
Look Nationally

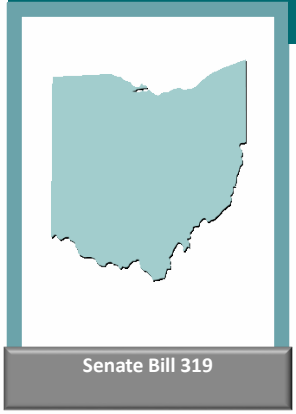
How could the profession of pharmacy get to "first"?



State Profiles

Ohio

2017



Senate Bill 319

Registration of Pharmacy Technicians

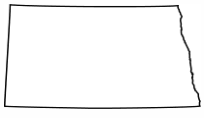
- **Fully effective: April 6, 2018**
- **Establishes a system of registration through the Board of Pharmacy**
- **Specifies conduct for disciplinary sanctions**

State Profiles

North Dakota

2016-2017

Tasks pharmacy technicians may perform



Proposed Amendment 61-02-07.1-05

3) Need for consultation

- Visual Display
- Open Ended Questions
- Triage Problematic Responses

Bryce Harper
Washington Nationals

State Profiles

Arizona

2016-present

Professional Practices, Pharmacy Technicians

Notice of Rulemaking Docket: R4-23

Technology Assisted Accuracy Checking

- **Licensed Pharmacy Technician**
- **Use technology to verify the accuracy of medications prepared for dispensing**
- **Bar code scanning/Visual comparison**

Miguel Cabrera
Detroit Tigers

State Profiles

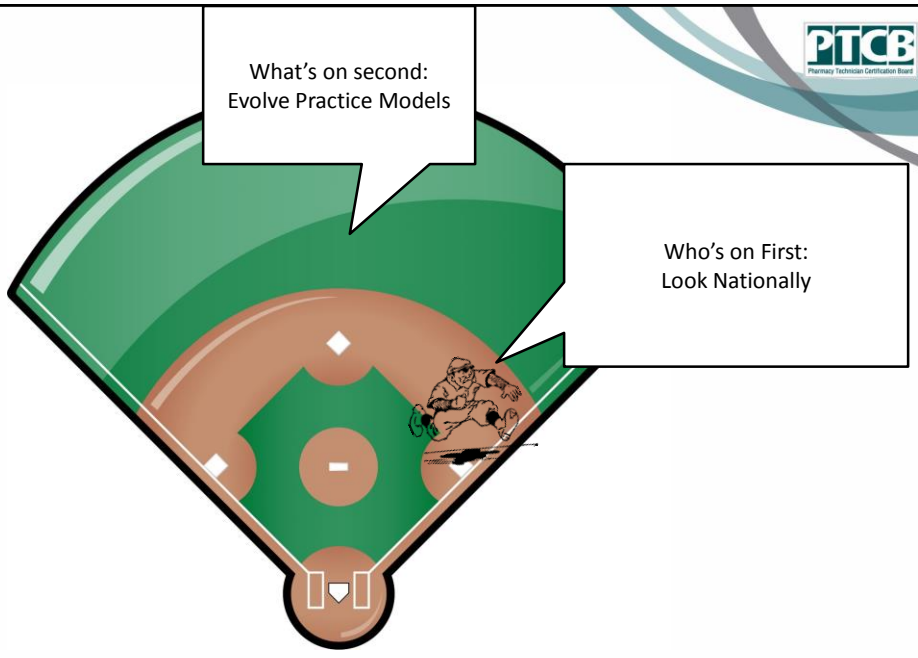
Idaho

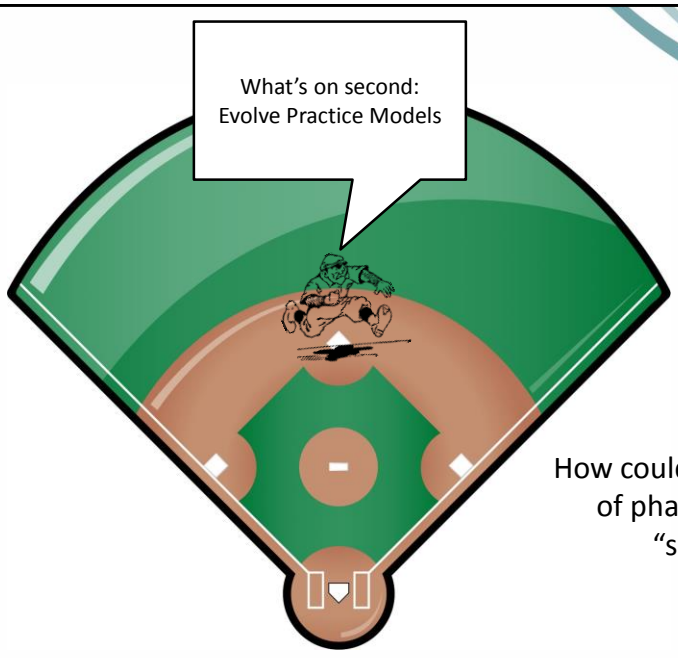
2016-2017

Pharmacy Technician
Docket 27-0101-1603

- Transfers
- Remote Data Entry
- Accuracy Checking
- Access to PDMP
- Administer Immunizations

Babe Ruth
New York Yankees





How could the profession of pharmacy get to "second"?

Utilize the practice of pharmacy to push practice further, and utilize pilot programs

State Profiles

Iowa — 2014-present

New Practice Model
Pharmacy Pilot 657 IAC-8.40

Study the Effects of Implementing Tech-Check-Tech Programs in Community Practice

Pharmacist % of Time in Activity
- Dispensing: 67% to 48%
- Patient Care: 16% to 35%

Total Errors
- Pharmacist: 0.22% (0.27%)
- Technician: 0.27% (0.56%)

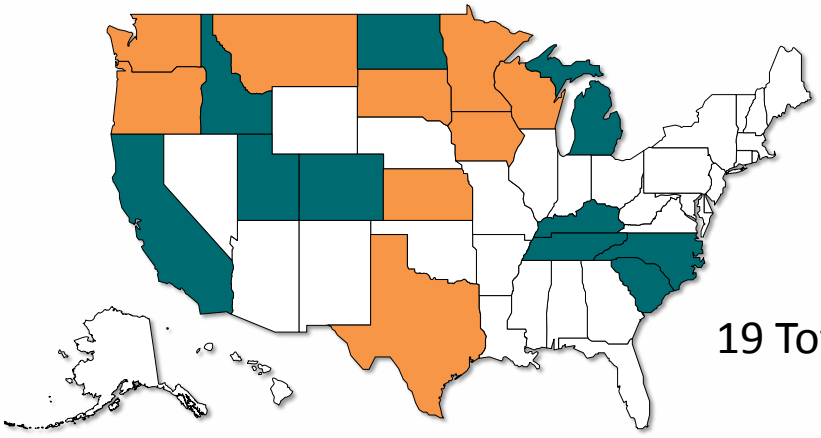
Andreski, Myers, et al. *Drake University/Iowa Pharmacy Association.* 2016

State Profiles

South Dakota, Wisconsin — 2016

Tech-Check-Tech Model
Programs

Inpatient Tech-Check-Tech

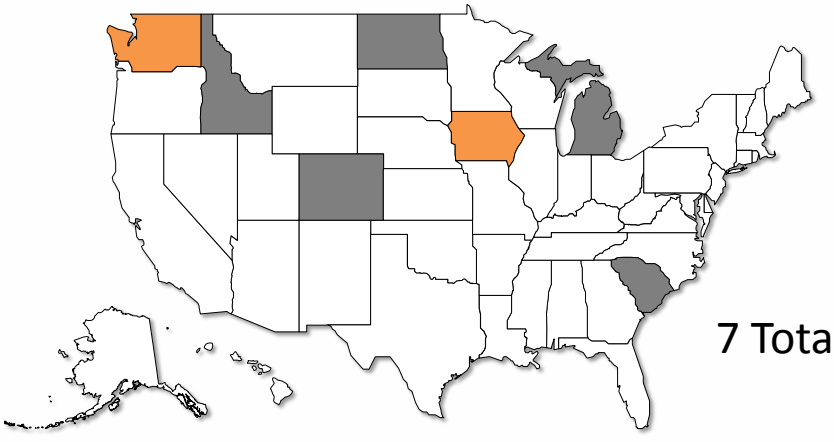


19 Total

Permit Inpatient TCT Require Board of Pharmacy Approval

2017 NABP Survey of Law

Community Tech-Check-Tech



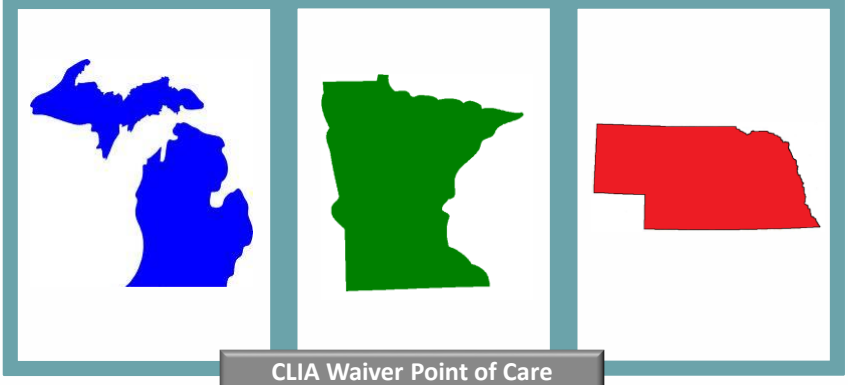
7 Total

Permit Community TCT Require Board of Pharmacy Approval

2017 NABP Survey of Law

State Profiles

Michigan, Minnesota, Nebraska | **2014**

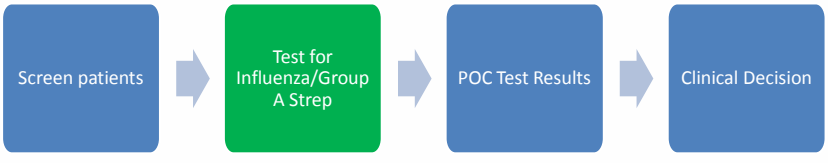


CLIA Waiver Point of Care Testing Project

State Profiles

Michigan, Minnesota, Nebraska | **2014-Present**

Study the effects of collaborative physician-community pharmacist point of care testing models



CLIA Waiver Point of Care Testing Model

Bacci, J, Klepser D, et al, *Res Social Adm Pharm. 2017*

State Profiles

Washington — 2010

ASHP Advanced Pharmacy Technician Practice Model Pilot

Study the effects of pharmacy technician involvement in emergency department medicine reconciliation

- Medication list review rates:
  - 65% to 100% in 1.5 years
- Adverse medication events
  - Decreased ~25%
- Medication harm events
  - Decreased ~50%

ASHP Advanced Pharmacy Technician Practice Model Case Study, Tacoma, Washington, 2010
http://www.ashpmedia.org/pai/docs/casestudy-Tacoma.pdf

State Profiles

Washington — 2010

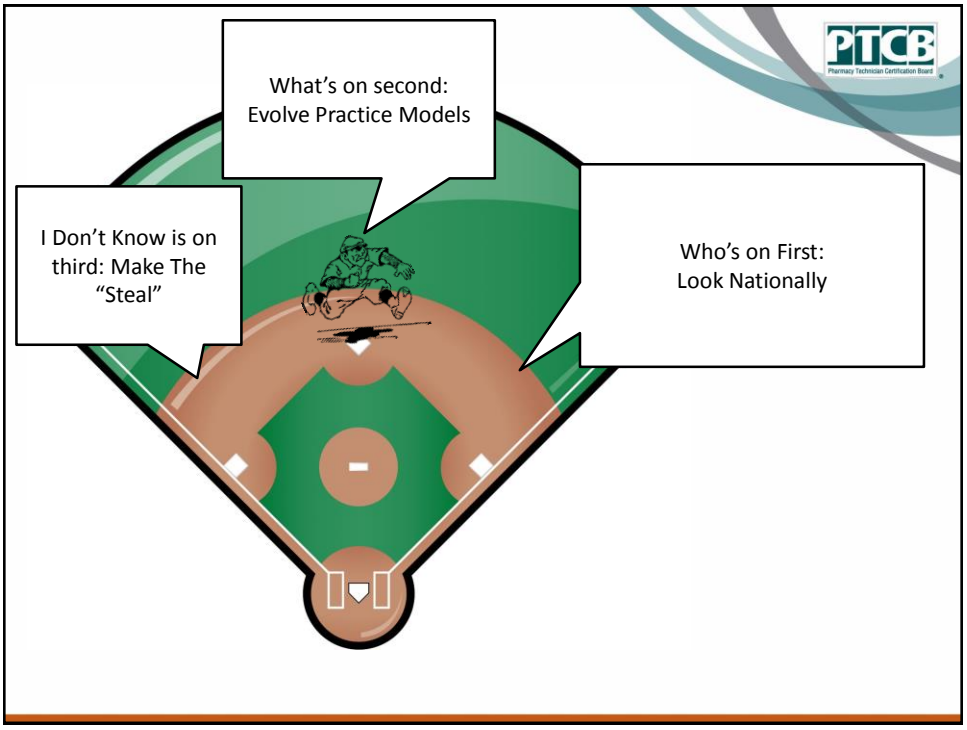
ASHP Advanced Pharmacy Technician Practice Model Pilot

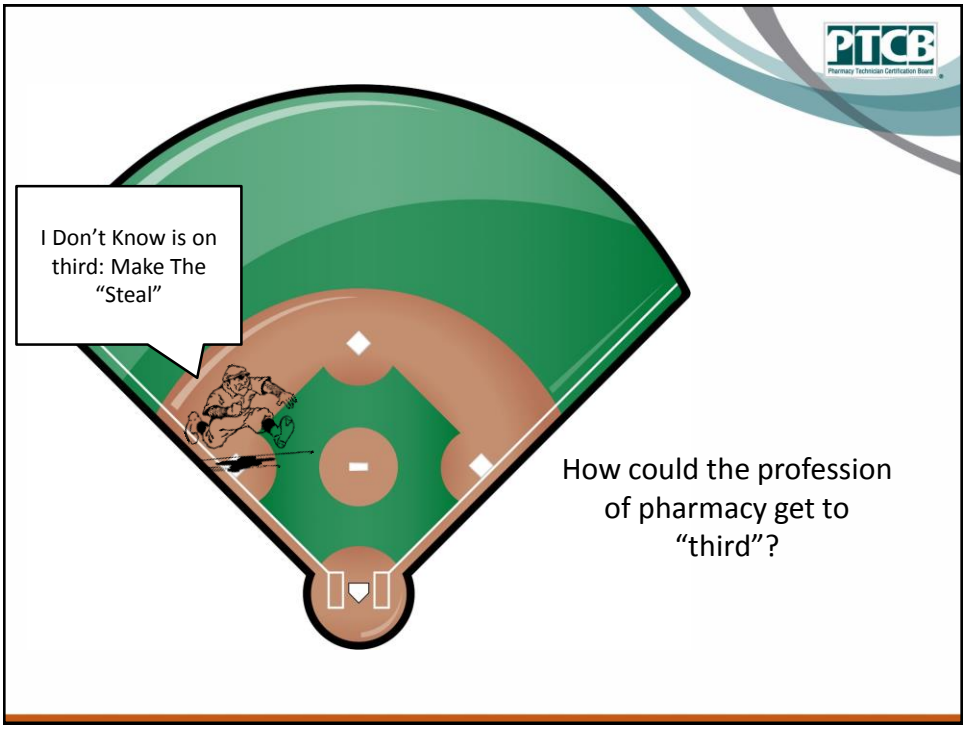
Study the effects of pharmacy technician involvement in emergency department medicine reconciliation

Personnel costs for 3.5 FTE pharmacy technicians: $141,000

ROI: $2.3 million dollars

ASHP Advanced Pharmacy Technician Practice Model Case Study, Tacoma, Washington, 2010
http://www.ashpmedia.org/pai/docs/casestudy-Tacoma.pdf

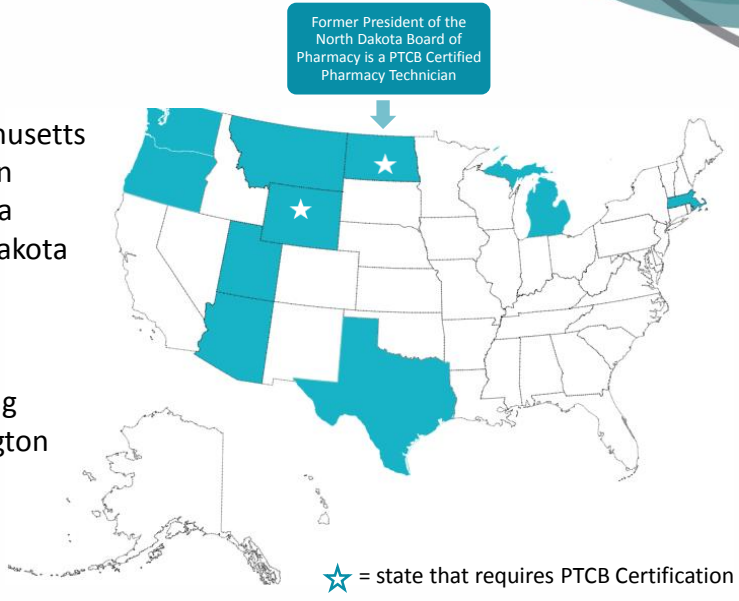

What's on second:
Evolve Practice Models
I Don't Know is on third: Make The "Steal"
Who's on First:
Look Nationally


I Don't Know is on third: Make The "Steal"
How could the profession of pharmacy get to "third"?

"Steal" from other practice models, programs, states, and legislation/regulations/rules

Pharmacy Technicians serving on Boards of Pharmacy

- Arizona
- Massachusetts
- Michigan
- Montana
- North Dakota
- Oregon
- Texas
- Utah
- Wyoming
- Washington



State Profiles: Commonalities

Idaho	Iowa	North Dakota
• National Certification • Registration with Board of Pharmacy • Training Requirements • CPE Requirements	• National Certification • Registration with Board of Pharmacy • Training Requirements	• PTCB National Certification • Registration with Board of Pharmacy • Training Requirements • CPE Requirements • Educational Requirement

NABP Survey of Law 2017

State Profiles: Commonalities

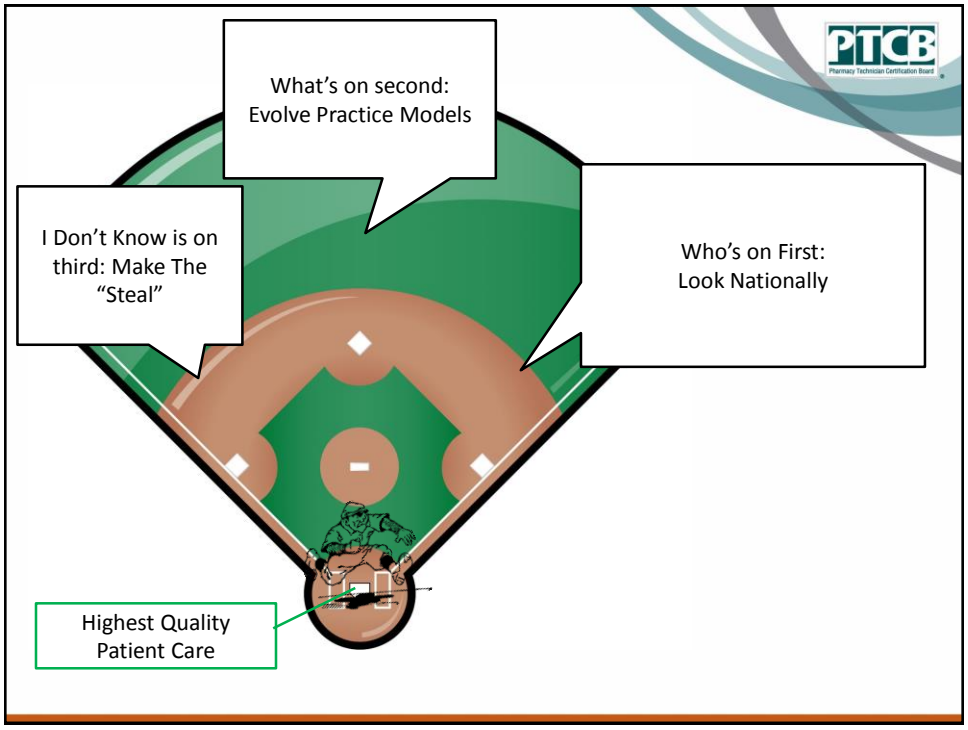
Michigan	South Dakota	Washington
• National Certification • Licensure with Board of Pharmacy • Advanced Technician Roles Allowed	• National Certification • Registration with Board of Pharmacy • Training Requirements	• National Certification • Licensure with Board of Pharmacy • Training Requirements • CPE Requirements • Educational Requirement

NABP Survey of Law 2017

Make The "Steal"

Summary

- Look Nationally
- Evolve Practice Models
- Make The Steal



Learning Assessment Questions

Which of the following states is the first to allow pharmacist delegation of the administration of immunizations/medications to certified, trained, pharmacy technicians?

A. Ohio
B. California
C. Iowa
D. North Dakota
✔ E. Idaho
F. Indiana

Learning Assessment Questions

Which of the following practice models is being researched in multiple states through approved pilot programs?

A. Patient counseling
✓ B. Tech-check-tech
C. Administration of immunizations
D. Rounding with the healthcare team

Learning Assessment Questions

Which of the following are commonalities amongst states that have demonstrated progressive pharmacy practice models?

A. Pharmacy technician serve/volunteer on Board of Pharmacy
B. National Certification
C. Education Requirements
D. Training Requirements
E. Registration or Licensure with Board of Pharmacy
✓ F. All of the above

Q & A

Deeb Eid, PharmD, Executive Resident
deid@ptcb.org

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