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# PATRICIA L DARBISHIRE

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# BIOGRAPHY

Dr. Patti Darbshire is a Clinical Associate Professor of Pharmacy Practice and Director for the Introductory Pharmacy Practice Experience Program at Purdue University. She teaches pharmacy practice, research-based independent study and experiential courses in the professional pharmacy program. She is a Service-Learning faculty fellow, faculty fellow with the Purdue Center for Instructional Excellence, and an active member of the American Association of Colleges of Pharmacy. She is an editorial board member for two peer-review journals, has published 28 peer reviewed articles on medications, disease states and experiential program development. She regularly gives national, state, and local presentations to pharmacists, healthcare providers and community organizations. Dr. Darbshire has received numerous awards and grants including Purdue Preceptor of the Year, assessment and engagement grants, as well as a HRSA grant to develop a comprehensive geriatric education program

# RESEARCH INTEREST

Dr. Darbshire has developed clinical programs in community practice, ambulatory care, hospice care, and with underserved populations. Her research interests include medication management, community pharmacy operations, patient education and counseling, medication error prevention, ~~medication adherence, as well as assessment methods and~~ learning outcomes. She holds state and national certifications in several practice areas, including pharmaceutical care, diabetes management, and Medicare.



## ***Community Pharmacy***

- A **retail pharmacy** practice that services prescriptions directly to the public.
  - Sell **over-the-counter (OTC)** products.
- Approximately **two thirds** of all prescription drugs in the U.S. are dispensed by community pharmacies.
- More technicians and pharmacists are **employed** in community pharmacies than any other area.
- The role of community pharmacist and in counseling and education patients is steadily increasing.
  - Adds more responsibility to dispense by technicians.

# ***Types of Pharmacies***

## ***Independent Pharmacies***

- Owned by the pharmacist or groups of pharmacists.
- A pharmacist owner makes his or her own decisions regarding the practice of pharmacy.
- Most compounding of prescriptions is done in this type of pharmacy.
- A **franchise pharmacy**, also called **apothecary**, is a member of a small chain of professional community pharmacies that are independently owned.



# ***Types of Community Pharmacies***

## ***Others Types***

- **Mass Merchandiser Pharmacies**
  - A regional & national community pharmacy that sells mass merchandise with in-store pharmacies.
  - Examples: Costco, KIMart, Target, Walmart
- **Food Store Pharmacies**
  - Regional or national food store chains
  - Examples: A&P, Eagle, Giant, Kroger's, Pathmark



# ***Role of Pharmacy Technician in a Community Pharmacy***

Pharmacy technicians employed in a community pharmacy typically

- Aid the pharmacist in the filling, labeling, and recording of prescriptions.
- Operate and responsible for the pharmacy cash register.
- Stock and inventory prescription and over-the-counter (OTC) medications.
- Maintain computerized patient records.
- Prepare insurance claim forms.
- Order and maintain parts of the front-end stock.

# ***Prescription-Filling Process***

## **Step 1: Receive Prescription and Review Patient Profile**

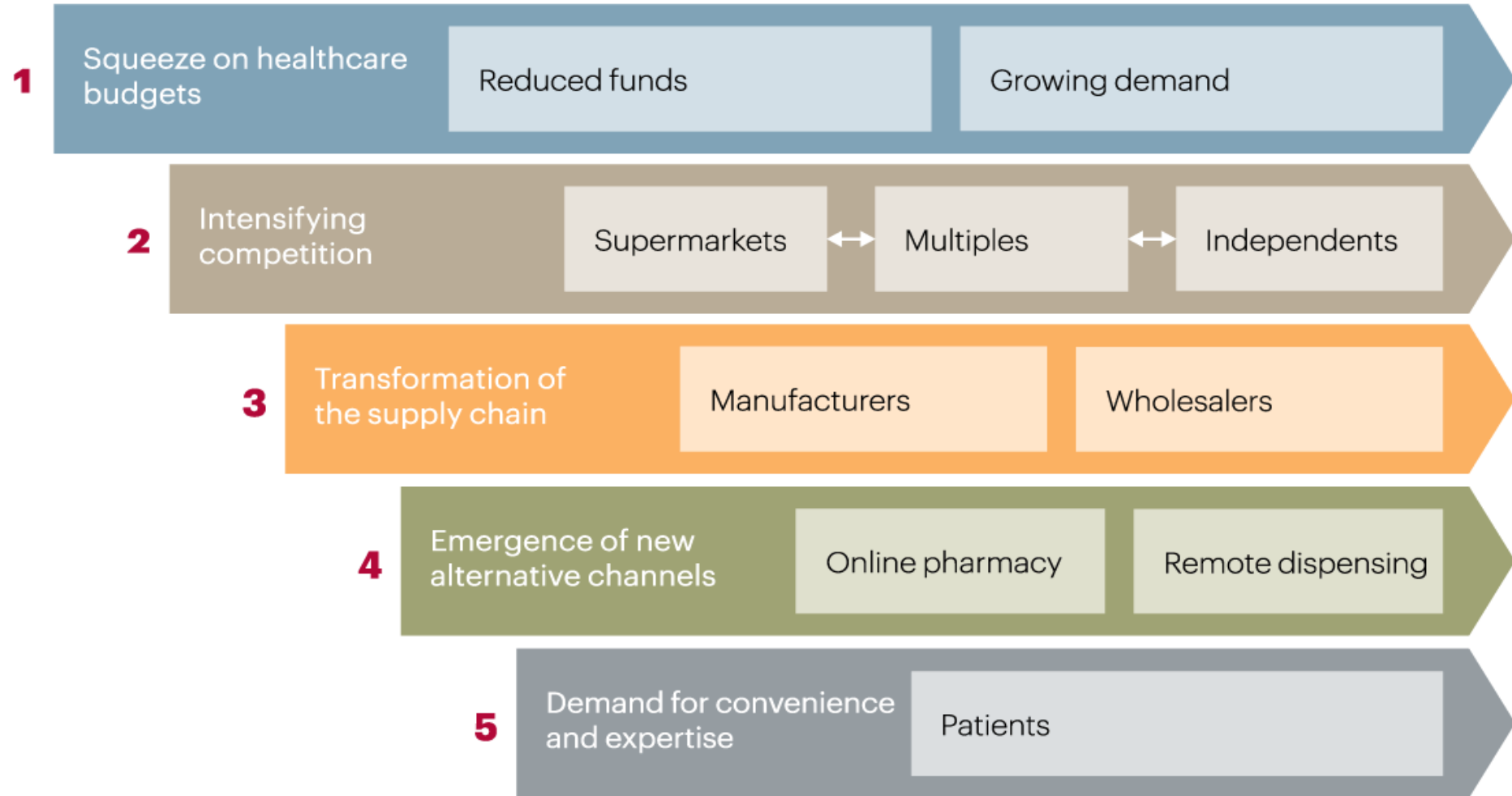
- Initial check of all key pieces of information is vital.
  - Thoughtful and thorough initial review reduces the chances that an unidentified error will continue through the filling process.
- **Legibility** to make sure information is easily read and understood.
  - Clarify any questions.



## ***Other Duties - OTC Products***

- The pharmacy technician should know
  - The names and locations of the various OTC and other products carried in the pharmacy.
- The technician should **NOT** recommend OTC products to pharmacy customers.
  - **For example**, many cough and cold preparations contain ingredients that may increase blood pressure and worsen a diabetic condition.
- The technician should refer patients asking about OTC products to the pharmacist.

**Figure 1**  
**Community pharmacy in the United Kingdom is reaching a tipping point under five forces for change**

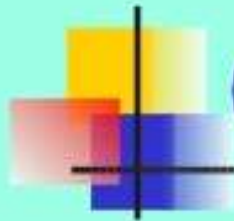




# Types of Community/Retail Pharmacies

- Independents
- Chain
- Mass merchandiser
- Food store





# Organization

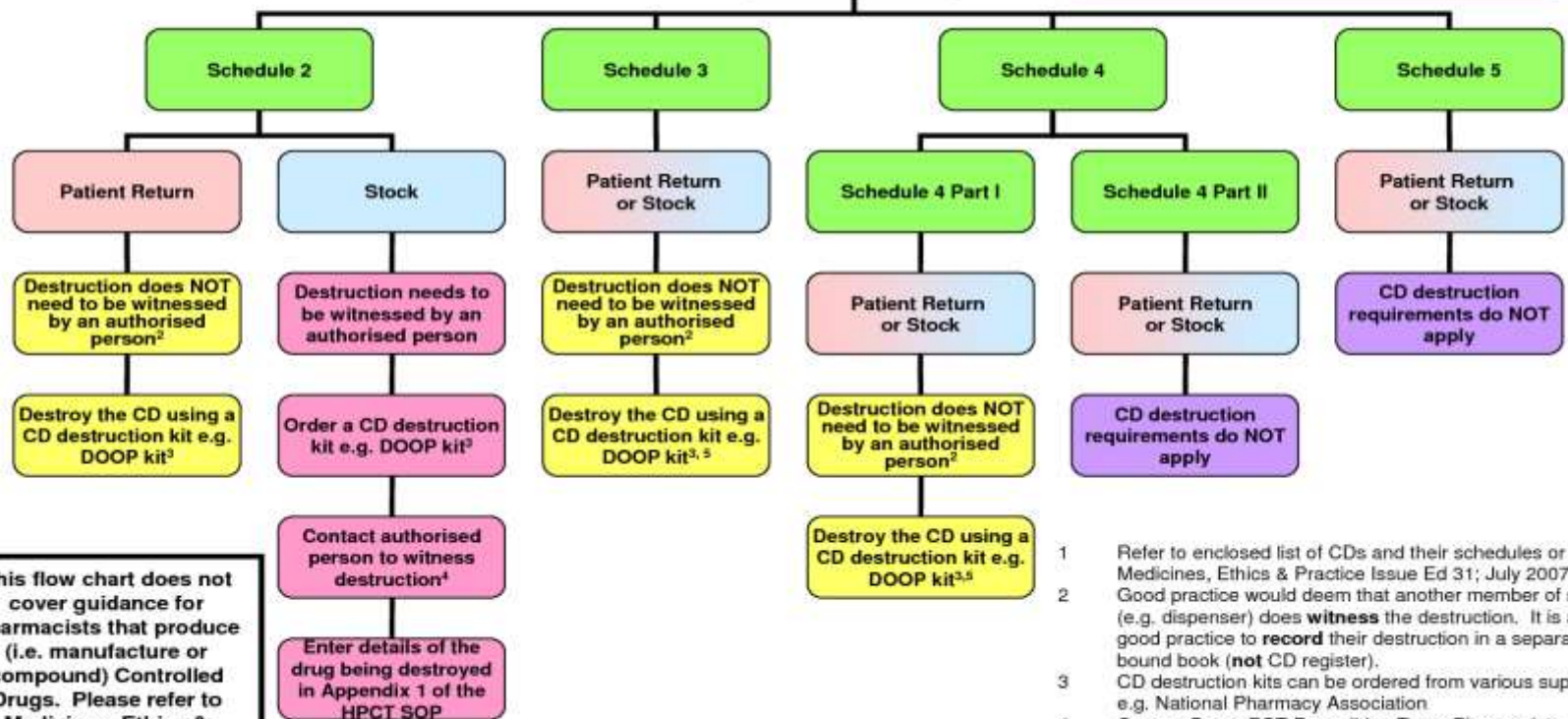
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- Prescription counter
- Transaction windows
- Storage
- Sink
- Refrigeration
- Computer system
- Equipment
- Prescription bins, shelves, spinners

## Destruction of Controlled Drugs (CDs) in Community Pharmacy

Which schedule does the CD belong to?<sup>1</sup>

Note: Pharmacists may not lawfully possess Schedule 1 CDs except under licence from the Home Office



This flow chart does not cover guidance for pharmacists that produce (i.e. manufacture or compound) Controlled Drugs. Please refer to Medicines, Ethics & Practice Issue Ed 31; July 2007 for further guidance.

- 1 Refer to enclosed list of CDs and their schedules or Medicines, Ethics & Practice Issue Ed 31; July 2007
- 2 Good practice would deem that another member of staff (e.g. dispenser) does **witness** the destruction. It is also good practice to **record** their destruction in a separate bound book (**not** CD register).
- 3 CD destruction kits can be ordered from various suppliers e.g. National Pharmacy Association
- 4 Contact Brent tPCT Prescribing Team Pharmacists.
- 5 Unless the waste carrier has a license to possess these CDs

# SIGNATURE

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**Patricia L Darbshire**



# Journals

Drug Designing

Drug Metabolism &  
Toxicology

Bioequivalence &  
Bioavailability



# CONFERENCES

3<sup>RD</sup> INTERNATIONAL SUMMIT ON GMP, GCP AND QUALITY CONTROL

[HTTP://WWW.PHARMACEUTICALCONFERENCES.COM/GMP-GCP-QUALITY-CONTROL-2014/](http://www.pharmaceuticalconferences.com/gmp-gcp-quality-control-2014/)

5<sup>TH</sup> INTERNATIONAL CONFERENCE AND EXHIBITION ON  
PHARMACEUTICS & NOVEL DRUG DELIVERY SYSTEM

[HTTP://NOVEL-DRUGDELIVERY-SYSTEMS.PHARMACEUTICALCONFERENCES.COM/](http://novel-drugdelivery-systems.pharmaceuticalconferences.com/)

3<sup>RD</sup> INTERNATIONAL CONFERENCE AND EXHIBITION ON  
PHARMACOGNOSY, PHYTOCHEMISTRY & NATURAL PRODUCTS

[HTTP://PHARMACOGNOSY-PHYTOCHEMISTRY-NATURAL-PRODUCTS.PHARMACEUTICALCONFERENCES.COM/](http://pharmacognosy-phytochemistry-natural-products.pharmaceuticalconferences.com/)

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[HTTP://WWW.PHARMACEUTICALCONFERENCES.COM/PHARMACOVIGILANCE-CLINICAL-TRIALS-2014/](http://www.pharmaceuticalconferences.com/pharmacovigilance-clinical-trials-2014/)

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