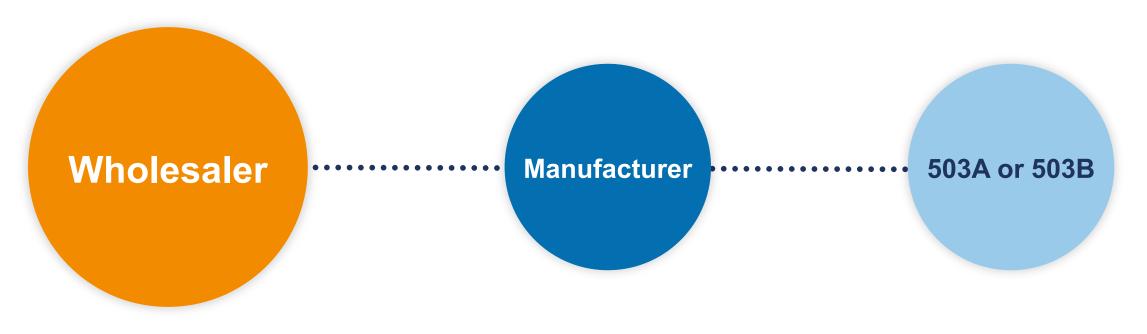


Pharmaceutical Distribution Models

Ken Gagnon, AVP Strategic Partnerships



Pharmaceutical Distribution Models for Hospitals and Physician Practices



Most pharmaceutical products and supplies are ordered through a wholesaler

Hospitals can purchase direct from a manufacturer

Hospitals can also purchase from a 503A or 503B compounding pharmacy





Traditional Distribution Channels for Hospitals

Specialty, Plasma and Biologic Distribution

Specialty Oncology Distribution

Physician Practice Distribution



Traditional Distribution for Hospitals



Streamline

In place of ordering from hundreds of different manufacturers, buyers can save time and resources by ordering from one distributor

Procured Under a Pharmacy License

The buyers can save time and resources by ordering from one distributor

The Products

The Catalog for mainline distribution is wide-reaching and includes the pharmaceutical and ancillary items to run a pharmacy

Fulfillment Center

Wholesalers use large distribution fulfillment centers spread across the country to fulfill order requests

Courier Services

National and Local courier services are utilized to distribute the products





Specialty Distribution for Hospitals

Pharmacy Distribution Models

Specialty Medications Defined





High in cost, or require high touch services to administer



Typically, \$670 per month



Require special handling, like refrigeration



May involve limited distribution products, and orphan products



Specialty, Plasma, and Biologic Distribution



Medications like blood factor products

Require higher touch distribution and tighter controls

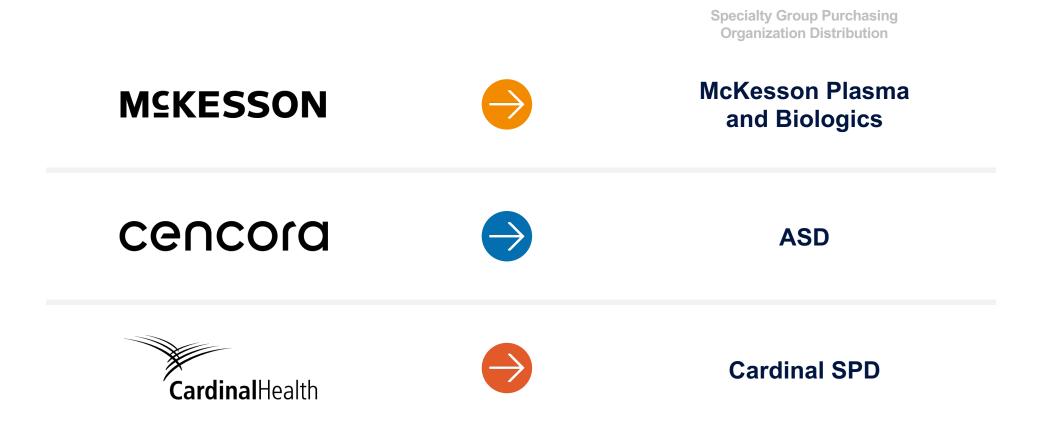
Procured under a pharmacy license

Major wholesalers have separate specialty distribution





Specialty GPO Distribution for Hospitals







Specialty Distribution for Physician Practices

Pharmacy Distribution Models

Oncology Distribution for Clinics



Purchased under a clinic license

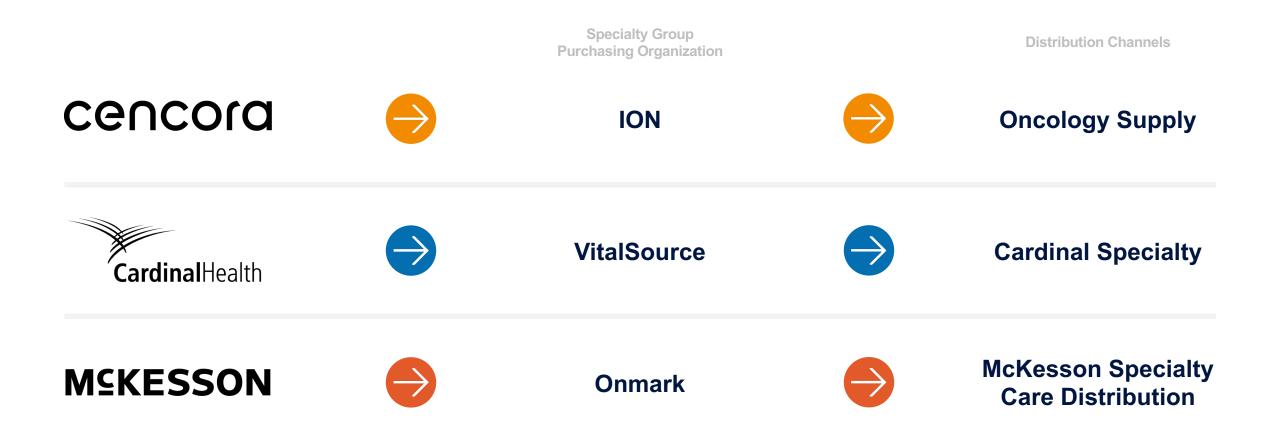
Limited number of products, around 300

- The focus is on oncology but may include other "ology" drugs
- Each major wholesaler has a Specialty Group Purchasing Organization





Specialty GPO Distribution for Clinics







Traditional Physician Practice Distribution

Pharmacy Distribution Models

Traditional Physician Practice Distribution

Equipment and supplies to run a physician's office

Smaller units to cater to lower volume needs

Less frequent orders from the distributors

Purchased under the license of a practice, not a pharmacy



