EDI
and
Healthcare

Focusgroup Electronic Messages

Members

❑ Alliance Healthcare	Wholesaler
❑ Academic Medical Center	Hospital Pharmacy
❑ Brocacef	Wholesaler
❑ GlaxoSmithKline	Pharmaceutical supplier
❑ Mediq	Wholesaler
❑ VSM	Homeopathic supplier

❑ GS1 and Z-Index

Focusgroup Electronic Messages

EDI ?

Goals

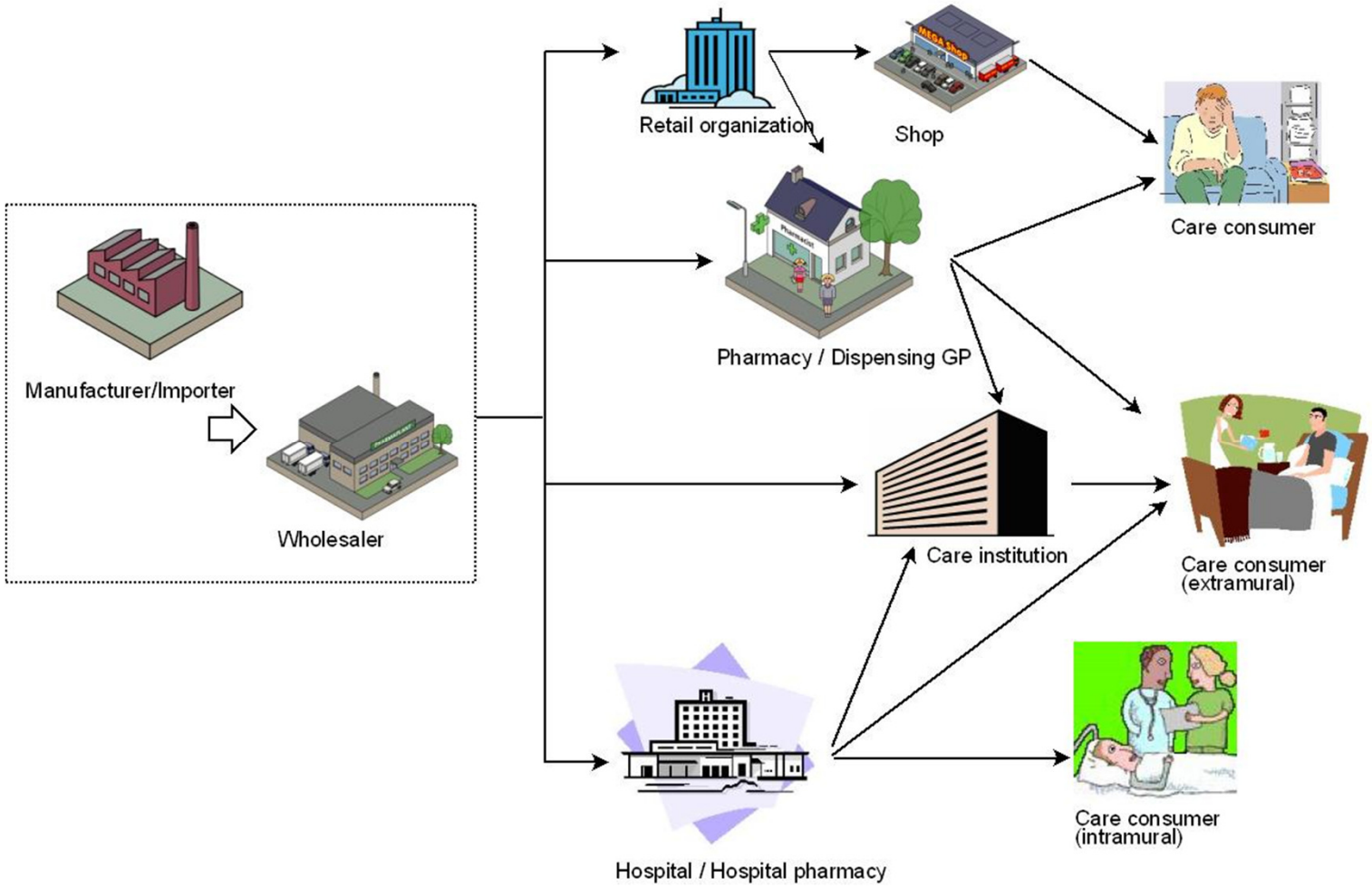
GS1 Healthcare + Netherlands

- **Improve safety for patients**
- **Increase logistic efficiency**

Focusgroup Electronic messages

- **Analyze requirements for whole supply chain**
- **Match with GS1 standards**
- **Define rules for use**

Logistic Chain



GS1 messages in Healthcare

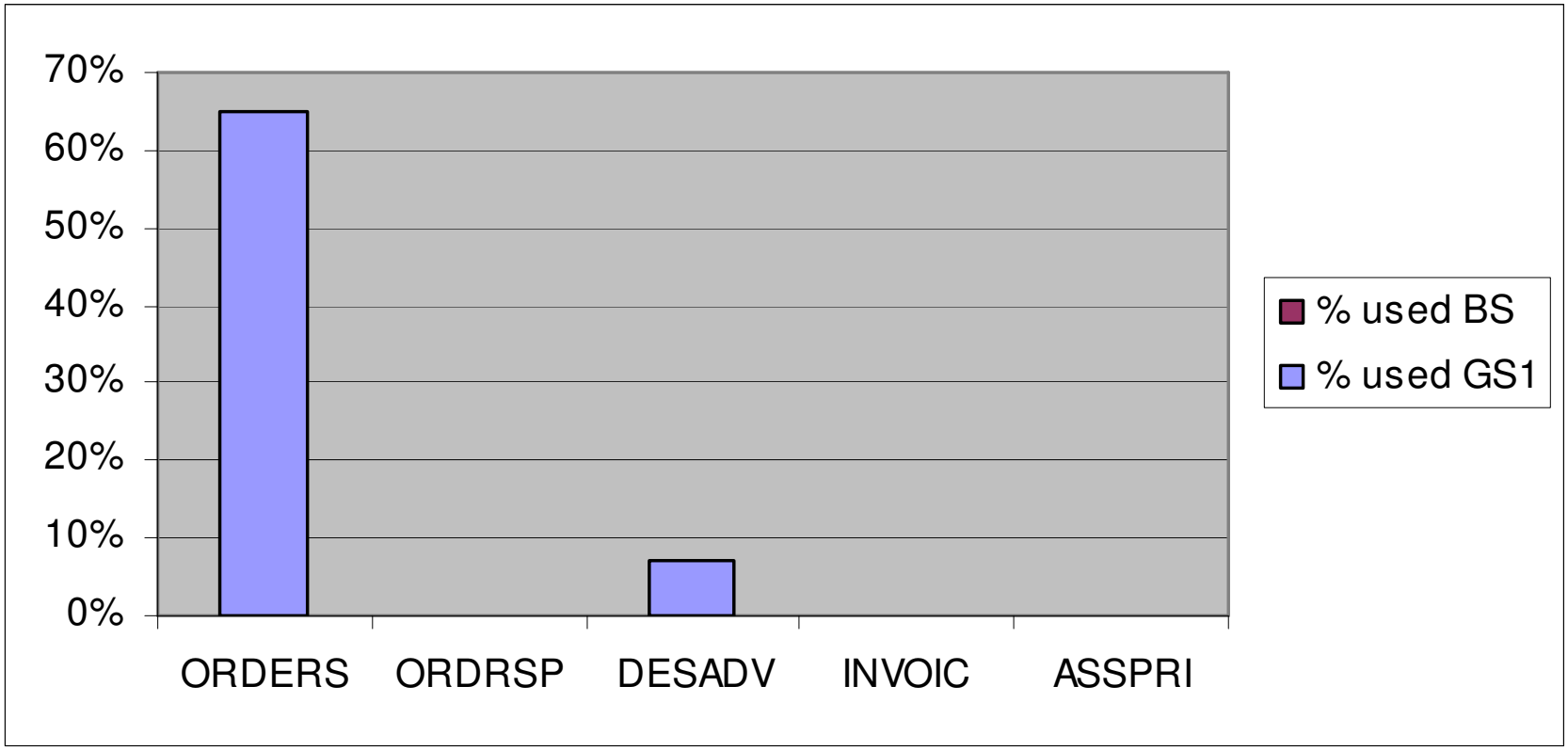
- **ORDERS** — in whole chain
- **ORDRSP** — Pilot wholesale => hospital pharmacy
- **DESADV** — in whole chain
- **INVOIC** — supplier => wholesaler
  wholesaler => hospital pharmacy
- **ASSPRI** — recently introduced, ready for use

Branche standard: BVG

- **ORDERS**
  - Developed 25 years ago
- **ORDRSP**
- **ORDCHG**
  - End of 2012: GS1 standard only

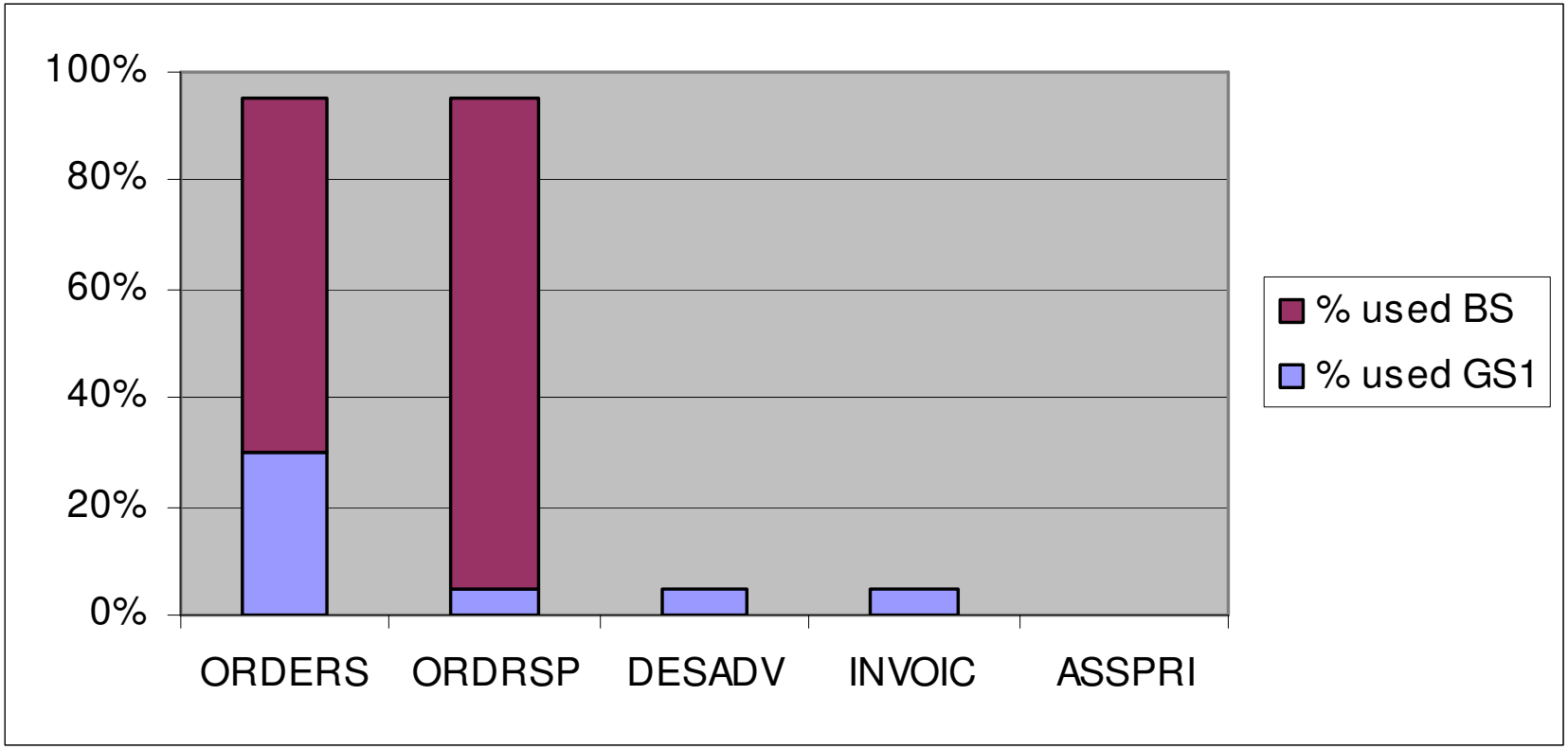
Transaction data

Suppliers ⇔ Wholesaler



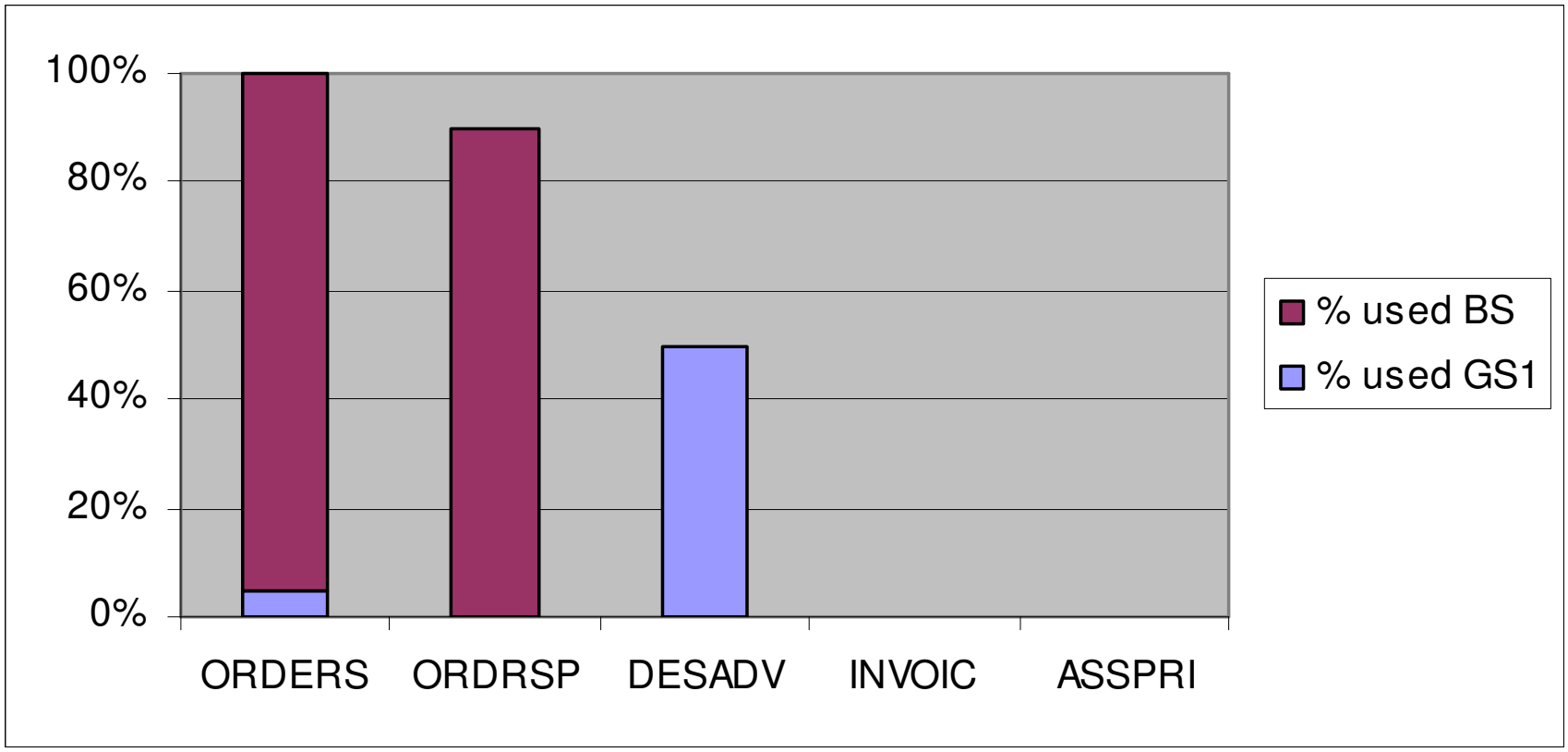
Transaction data

Wholesaler ⇔ Hospital Pharmacies



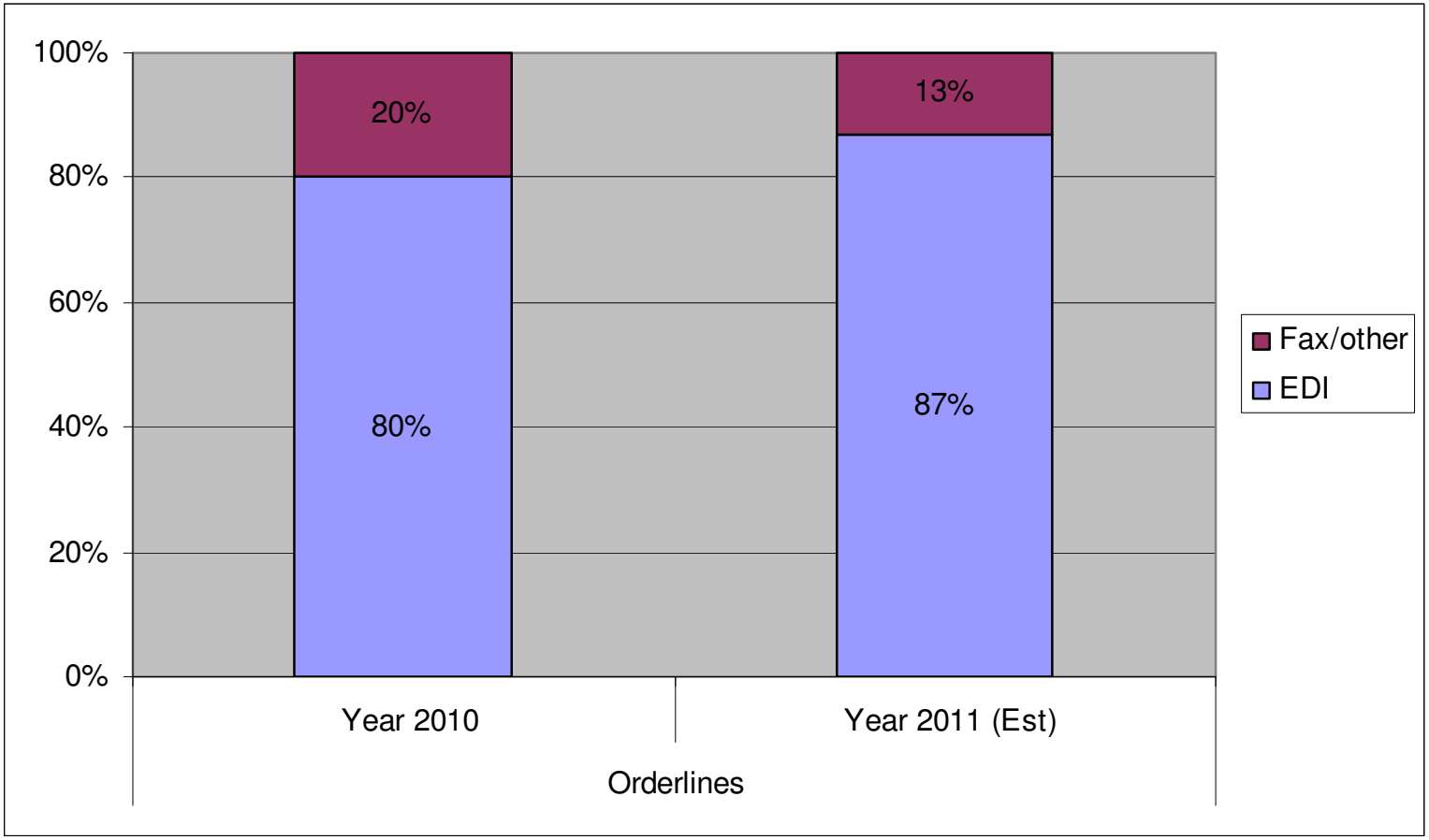
Transaction data

Wholesaler ⇔ Pharmacists



Advantages and savings

Hospital pharmacy AMC



Advantages and savings

Hospital pharmacy AMC

ORDERS

- Decentralisation of orderpoints (45 wards)
- Decrease total stock level
- Savings: 0.2 fte ordering

DESADV

- Increased stock quality
- Savings: 0.8 fte goods received

Advantages and savings

Pharmacies

ORDERS/ORDRSP

- Less exceptions in ordering

DESADV

- Less time for receiving goods, up to 30 minutes
- Less stock corrections due to wrong bookings
- Can be done by almost all employees
- Less stress in the pharmacies

Advantages and savings

Wholesaler ⇔ Supplier

ORDERS/ORDRSP

- Less exceptions in ordering
- Est. 1-2 fte in ordering

DESADV

- Est. > 2 fte in goods received
- Lot-registration
- Expiry-date

Do we have some time left?

What's more?

Focusgroup efforts

Assortment and prices

- **ASSPRI**
  - Introduced July 2011
  - supplier ⇔ buyer: 1 on 1
  - Assortment available to specific customer
  - Price conditions applicable to specific customer
  - Daily distribution of changes

BAR codes

- **Datamatrix**
  - GTIN + additional information
  - Trade item level
  - Consumer unit and smaller

- **Databar**
  - GTIN + additional information
  - Trade item level

Conclusions

Implementation of messages

- **Slow process**
- **Many stakeholders**
- **Logistic efficiency**
- **Safety for patient**