(Data) Pools are Cool

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Hospitals need good Material Master Data – *what for* and *which*?

- **Patient safety**
  - Identification (device and production)
  - Product characteristics
- **Supply chain management**
  - Identification (→procurement, tracking, stock surveillance)
  - Classification & characteristics (→procurement, reporting)
  - Terms & conditions (→procurement)
- **Clinical processes & revenue**
  - Identification
  - Enhanced product characteristics
The Challenge of Master Data Communication – hubs offer major improvements

- Many-to-many communication between vendors and customers (= healthcare providers) is unreliable and cumbersome for all parties
- The data hub is an established principle in IT for m:n connections (communication server)
- Everybody has only one direct counterpart
- Regular updates can be easily managed
- Added value services can be incorporated – quality assurance, validation, enhancement
Streamlining medical processes

- Have in the right place at the right time
  - Patient
  - Providers
  - Appliances
  - Devices & Consumables
  - **Information / knowledge about**
    - Patient
    - Providers
    - Appliances
    - Devices & Consumables
Product characteristics

- My Name is …
- I belong to class …
- I’m used for …
- I shouldn’t be used in case of …
- I interact with …
- My price is
- My use is to be documented by procedure code …
- I am associated with a special reimbursement component
Room for enhancements

- Share the perspective of the customer, i.e. the healthcare provider
- Build sections of the pool where groups of customers can store data
  - Linked to the content coming from & owned by the vendor
- *(Hot additional features for a really cool pool)*