

Can better care cost less... ?

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YES!!!



GS1 purpose



GS1 believes in the power of standards to transform the way we work and live.

- **We create** a common foundation for organisations by uniquely identifying, accurately capturing and automatically sharing vital information about products, locations, people and assets
- **We enable** visibility through the exchange of authentic data
- **We empower** organisations to grow and to improve efficiency, safety, security and sustainability

We are:

**Neutral and
not-for-profit**

**User-driven
and governed**

**Global
and local**

**Inclusive and
collaborative**

Can better care cost less... ?

What do I actually mean?



Challenges in Healthcare today



Lack of traceability due to absence of unique product identification and patient ID



Risk of medication errors

Errors due to manual processes

Incomplete patient history

Lack of interoperable systems



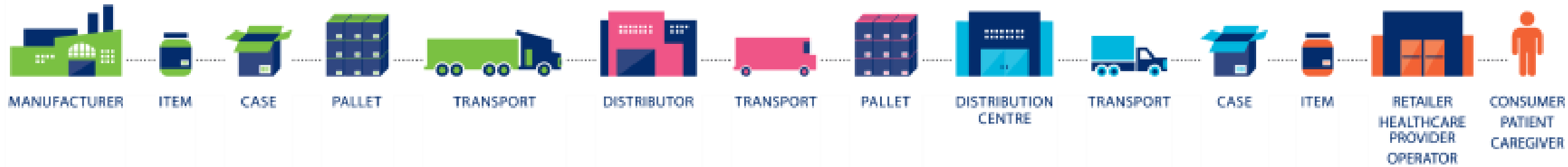
Excess clinical time spent ordering, looking for and managing products needed for care

Wastage & costs associated with disposal & reordering
Difficulty in accurate patient costing



Ineffective or inefficient product recalls
Manual reimbursement processes

The solutions lie across the whole chain



\$5,000/month

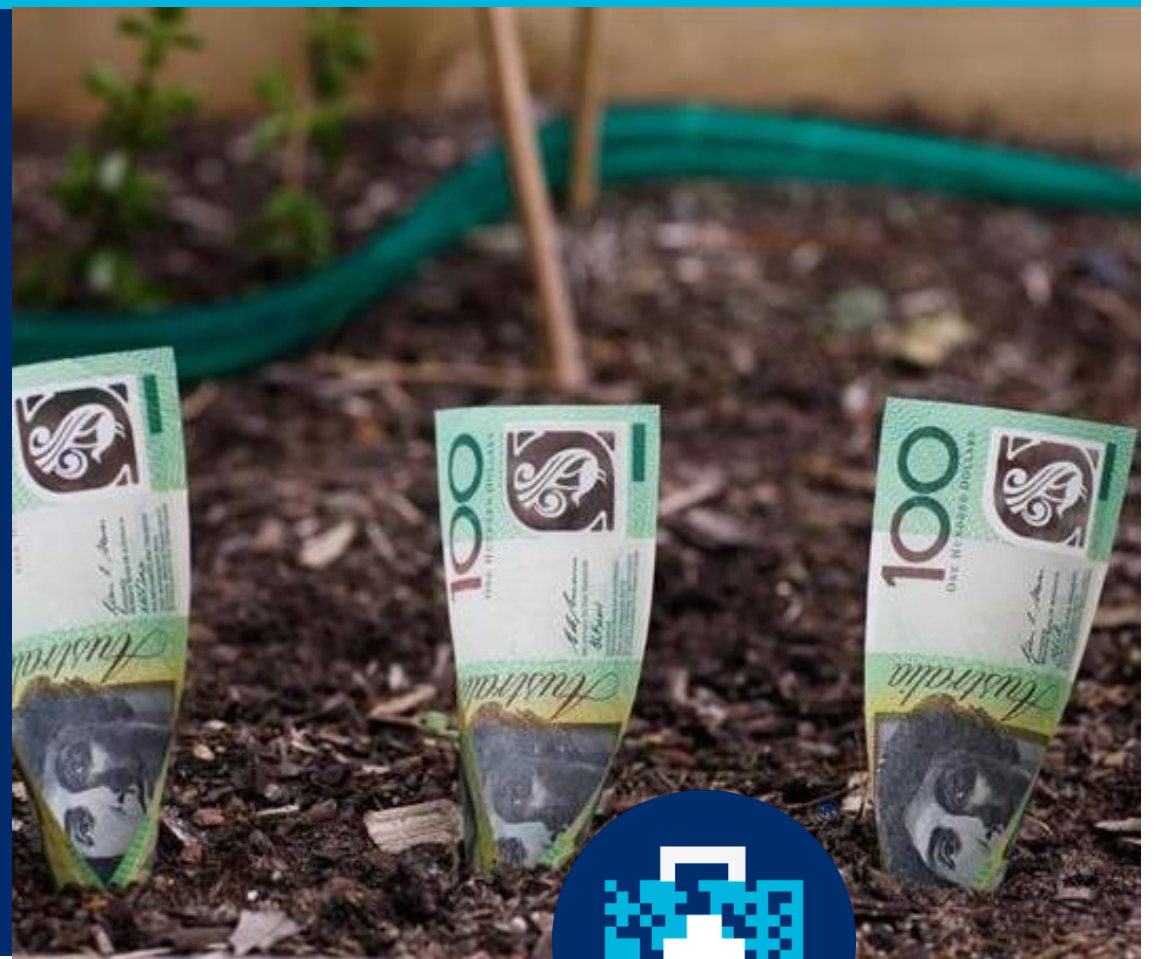
\$52,000

\$100,000

\$10,000/quarter

\$400,000

\$120 million



How much money are we all wasting?

695 Public Hospitals
630 Private Hospitals
2681 Aged Care Facilities

If every facility could
save \$8,000 each year
by reducing waste in the
supply chain



\$32 million per year

If every person
'Registered & employed'
in Australian healthcare
could save **5 minutes
per week** by removing
one inefficient or manual
process?

548,405 people*



297,052 Days/Shifts (based on 8 hour shifts)

*Source: Health workforce data, Health Workforce Summaries <http://hwd.health.gov.au/summary.html#part-1>



£3 million



The Trust has reported £3 million in costs savings from increased stock visibility.

7,100



hours each year in clinical staff time have been re-allocated to patient care.

Lessons & Benefits

- Aim to make the best use of resources
- Target tangible savings
- 3 million pounds saved
- Fewer out of stocks – meaning less rescheduling
- 7100 hours of clinical staff reallocated back to clinical care



89%

The hospital can now track over 89% of costs direct to the patient in theatre and estimates a significant reduction in the time spent to order products.

Lessons & Benefits

- Understand what your needs are
- Breakdown the change process
- Engage all stakeholders
- Think about business intelligence to help refine your processes
- 5.5 FTE nurses per annum reallocated back to care

Imbanaco Medical Centre Colombia



Imbanaco Medical Centre Statistical Information

55%



Creating a patient invoice has been reduced by 35 minutes to 18 minutes, improving cash flow by 55%.

98%



A 98% improvement in inventory shrinkage/waste has been achieved based on automated ordering.



25%



A 25% reduction in inventory levels at its satellite pharmacies has been achieved based on automated inventory management.

100%



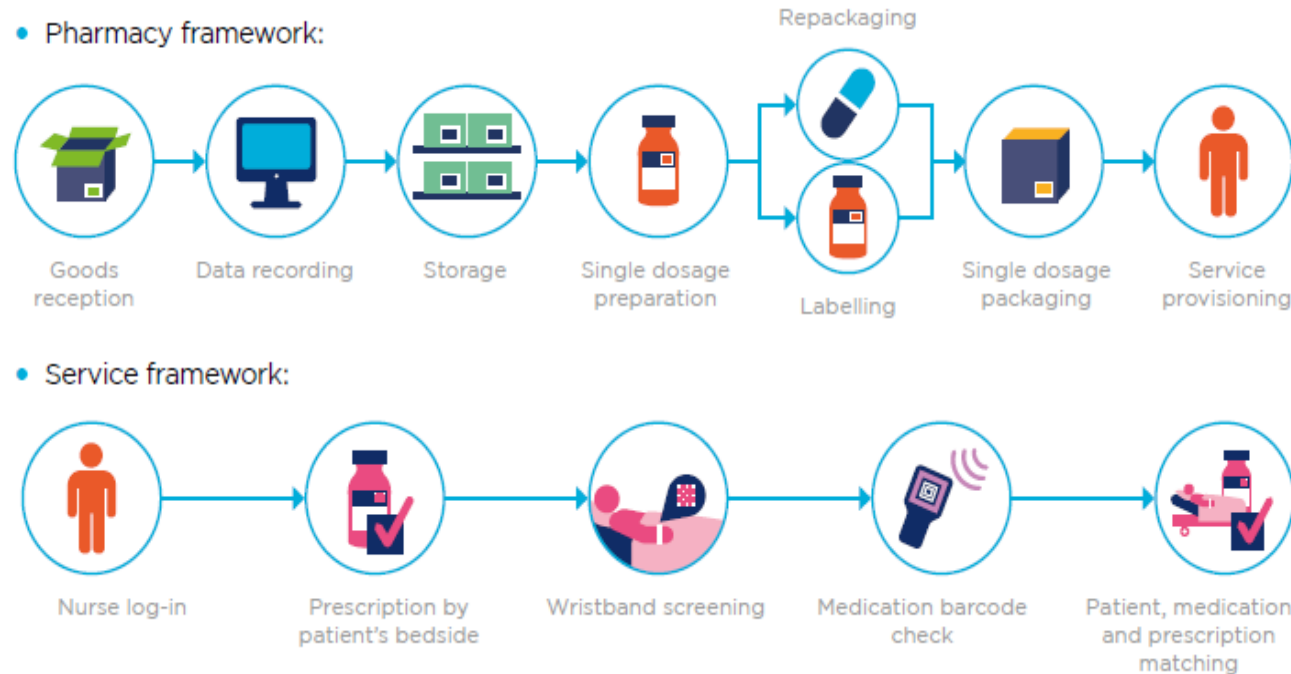
Order picking productivity in the satellite pharmacy has increased significantly.

Lessons & Benefits

- Priority 1 = Traceability, to ensure safety and better management
- Clearly documented processes allows automation with accuracy
- 98% reduction in waste
- Reduced inventory by 25%
- Patient records more accurate and timely

[GS1 Healthcare Reference Book 2017-18, Page 8](#)

Hospital de Cascais Portugal



Lessons & Benefits

- 5 rights of patients
- Focussed on medication administration accuracy through inventory management practices
- HIMSS 6/7
- Managing inventory in real time
- Medication administration is safer
- 9 hours saved per nursing unit shift – put into other activities

[GS1 Healthcare Reference Book 2017-18, Page 38](#)

Greek Army Medical Supplies Centre



Improvements in warehouse operations

Stock accuracy for fast-moving items improved

to **96%**,
a 10 percent increase

Order error rate
dropped from

10 to 3%

Order fulfilment time
reduced between

25 to 30%

Improved productivity
based on hours saved
on order fulfilment and
no need for reworks

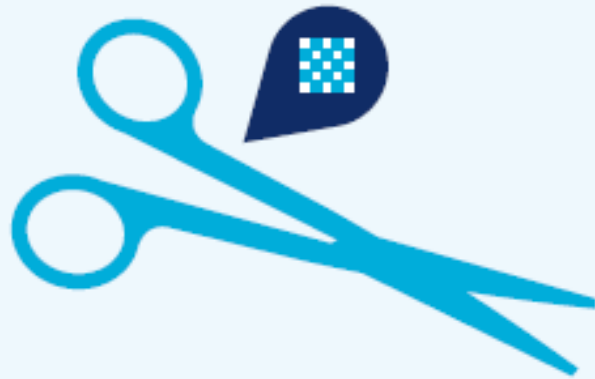
**Faster recall
response** rate based
on traceability by
product's lot/batch
within the warehouse
(and soon to regional
warehouses)



Lessons & Benefits

- Lack of visibility
- Need for error reduction
- Waste/Shrinkage key issue
- Managing inventory in real time
- Full traceability
- Significant improvement in accuracy
- Reduction in order fulfilment time

[GS1 Healthcare Reference Book 2016-17, Page 31](#)



After implementing GS1 standards, the result is

100%

traceability of medical devices in the operating theatres.

Lessons & Benefits

- Intensive stock management in theatres not sustainable
- Put the patient first
- Lean Six Sigma approach
- Start small
- 100% traceability of everything
- 90% less waste
- 40% reduction in stock
- More than €100,000 savings

[GS1 Healthcare Reference Book 2016-17, Page 38](#)

You cannot manage what
you don't measure

Think like a patient

Don't try to do it all at
once

Don't be distracted by
technology, focus on the
process improvement



Pearls of wisdom...

Thanks for listening...

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Enjoy the rest of the conference!

