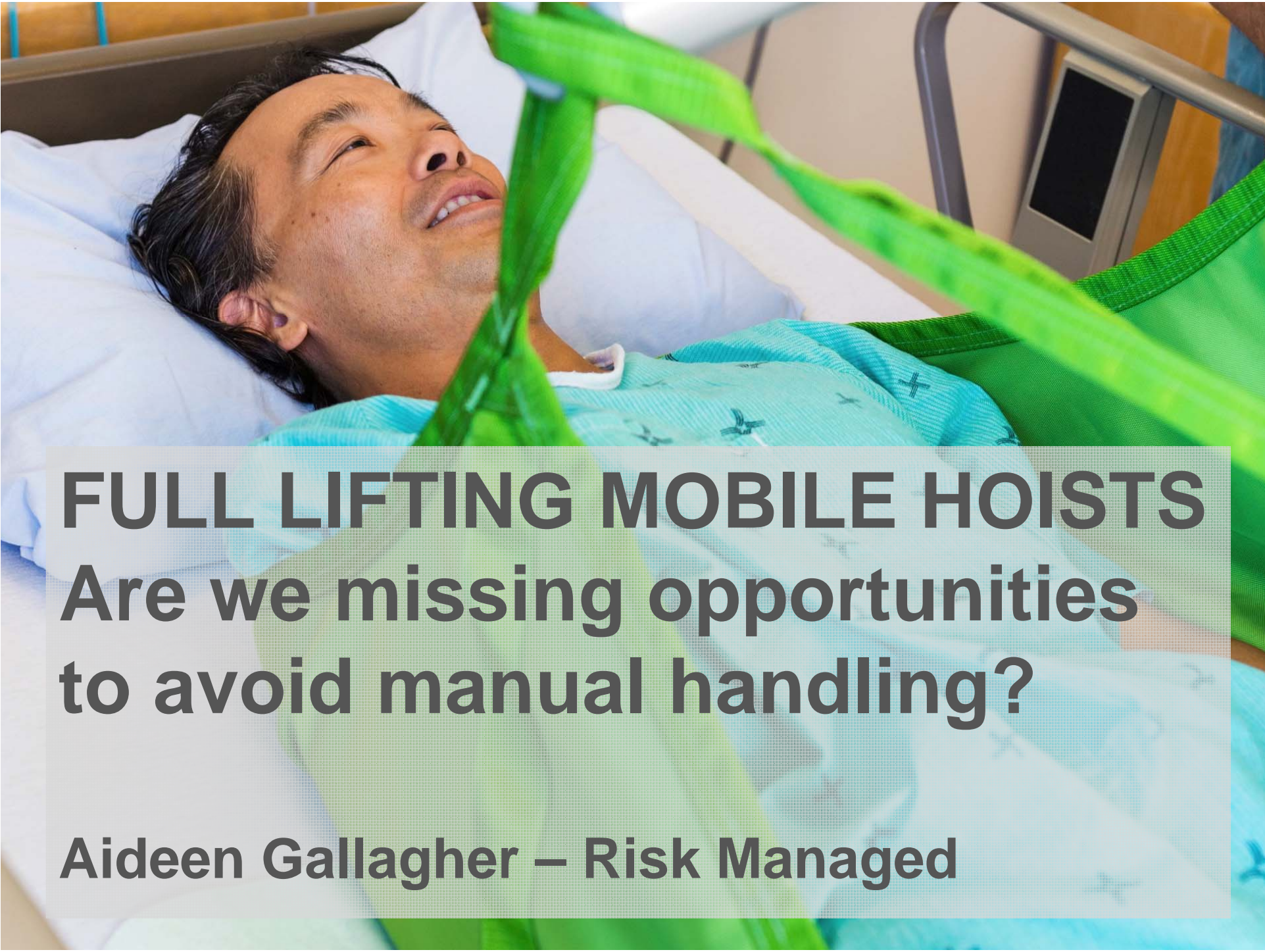




Beyond Safety

HOISTED

A photograph of a middle-aged man with dark hair lying in a hospital bed. He is wearing a light blue hospital gown. A bright green lifting strap is positioned over his chest and shoulders. The background shows the metal frame of the hospital bed and a white pillow. The overall scene is brightly lit.

FULL LIFTING MOBILE HOISTS

Are we missing opportunities to avoid manual handling?

Aideen Gallagher – Risk Managed

HoistED programme

1

**If and when to prescribe
a full lifting hoist**

2

Using and choosing full lifting hoists

3

Using and choosing ceiling track hoists

HoistED programme



Using and choosing full lifting hoists

PRESENTATION OUTLINE



Background

Theory

Practice

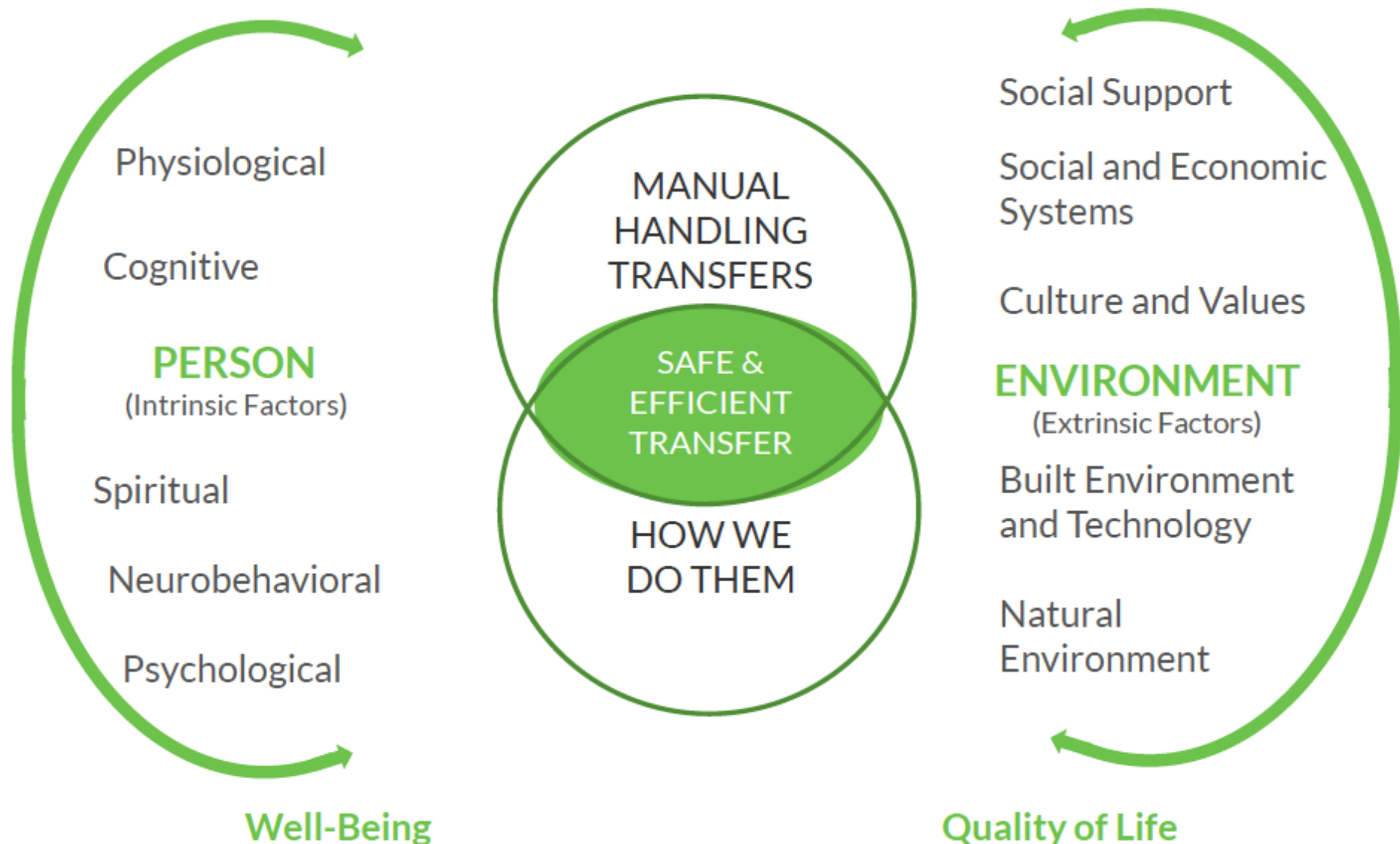
BEYOND SAFETY


HOISTED

Person Environment Occupation (PEO) Model (Law et al, 1996)



Person Environment Occupation (PEO) Model (Law et al, 1996)





Nurses 21.9/100FTE
Care aids 37/100FTE

(Alamgir et al, 2007)

BEYOND SAFETY

HOIST 





AIM OF A HOIST

SAFE TRANSFER

EFFICIENT TRANSFER

BEYOND SAFETY

HOIST **ED**



HOIST PRESCRIPTION STAGES

BEYOND SAFETY

HOIST 



THE HOIST

BEYOND SAFETY

HOIST ED

HOIST PRESCRIPTION PROCESS

- 1 ACTIVITY ANALYSIS**
- 2 IDENTIFY DROP DOWN AND PICK UP POINTS**
- 3 TEST IF THE HOIST MEETS DROP DOWN AND PICK UP POINTS**

Origin of a transfer



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Destination of a transfer



BEYOND SAFETY

HOISTED



SAFE WORKING LOAD



BEYOND SAFETY

HOIST **ED**



BEYOND SAFETY

HOIST ED



EQUIPMENT FOOTPRINTS

BEYOND SAFETY

HOIST **ED**

1

ACTIVITY ANALYSIS

ORIGIN	DESTINATION
Bed	Shower commode chair
Shower commode chair	Bed
Bed	Wheelchair



POSITIONING INTO THE WHEELCHAIR
Where should the drop down point be?

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2

IDENTIFY DROP DOWN AND PICK UP POINTS

Origin	Pick up point	Destination	Drop down point
Bed	900mm from top of bed 450mm in	Shower commode chair	Client back touching backrest when 5cm from seat of chair
Shower commode chair	Yoke at sternum of client	Bed	900mm from top of bed 450mm in
Bed	900mm from top of bed 450mm in	Wheelchair	Client back touching backrest when 5cm from seat of chair



Testing a hoist meets pick up and drop down points

When the care receiver is moved to 5cm over the seat of the chair, do they reach the drop down point with their back touching the backrest of the chair?

	Station 1	Station 2	Station 3	Station 4
Hoist	Small Hoist	Small Hoist	Large Hoist	Large Hoist
Chair	Small chair	Large chair	Small chair	Large chair
Positive Observations				
Negative Observations				

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CONTACT

r!skmanaged

People Handling Solutions

E: aideengallagher@riskmanaged.com.au

W: www.riskmanaged.com.au

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