

IPC Improvement Programme: The Fellowship of Clean Care Waikato



The hobbit

The Hobbit Films

- Directed by **Peter Jackson**
- Released as a trilogy:
 - *An Unexpected Journey* (2012)
 - *The Desolation of Smaug* (2013)
 - *The Battle of the Five Armies* (2014)

Hobbiton (The Shire)

Location: Matamata (Waikato region)



Disclaimer

Warning: This presentation contains occasional hobbits

- No knowledge of Middle-earth is required.
- Any resemblance between IPC nurses and hobbits is purely coincidental...

✓ No dragons were involved in the development of this innovative programme...(unfortunately, environmental cleaning, audits, and hand hygiene still are!)



Venture Medical Limited Grant
and Liam

IPC Improvement Programme: The Fellowship of Clean Care

- A journey to protect patients through safer cleaning practices.
- Our IPC Hobbit Nurses lead the way in reducing HAIs.



The Challenge: Shadows of Infection

- Inconsistent cleaning, unclear roles, and varied products created risk—our ‘dark forces’ impacting patient safety.
- “Side by side—we’ll get it done.”



Our Mission

- To standardise cleaning, strengthen practice, and reduce MDRO transmission—one clean at a time.
- “Show me once, and I’ll do it right.”



Our Fellowship (Key Drivers)

- IPC, ISS, Clinical Teams
- Environmental audit findings
- Workforce capability
- Shared responsibility

“Each of us has a part to play.”



Guiding Map (Standards)

- Aligned to NZS 8134:2021 Part 5
- Our map guiding safe care and strong governance.
- “Standards guide us, even on the hardest days.”



Phase One: The Journey Begins (June–Nov 2025)

- Laying the foundation—education, resources, and early wins led by our IPC Hobbit Nurses.
- “A little learning goes a long way.”



Tools of the Trade

- Standardised cleaning resources
 - Clear roles & responsibilities
 - Partnership with ISS
 - (Every Hobbit needs the right tools!)
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- “Knowledge is as useful as a good wipe.”



Learning & Wisdom

- Education rolled out district-wide
- CLEEN study embedded
- Shared knowledge across the fellowship
- “Every patient deserves a clean start.”



Battling the Spread (Enhanced Cleaning)

- 3-day enhanced cleans for MDROs
- Focus on shared equipment
- Team-based response
- “No dust, no bugs, no trouble.”



Seeing the Invisible

- Fluorescent gel markers
 - Objective feedback
 - Making the unseen visible
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- “Ahh, missed a spot—but we’ll put that right.”



September 2025 “We’ve seen worse—and we’ve beaten it.”

- MDRO reduced to known outbreak level and individual cases
- “Time for a proper cup of tea”



Choosing the Right Weapon

- Review of wipes
- Decision: Clinell
- Effective, efficient, evidence-based

“Together now—this is where we hold the line.”



Phase Two: Strengthening the Fellowship

- Clinell rollout
 - Education supported by partners
 - Reinforcing ‘Clean Between’
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- “Wipe it well, and wipe it right.” & “No shortcuts on this journey.”



Campaign: Clean Between

- A simple but powerful message:
- Every patient, every time.
- Our Hobbit Nurses leading by example.
- “The small things make the biggest difference.”



Phase Three: Reflection & Learning

- Review audit data
- Remove legacy products
- Learn from outbreaks
- “Right then—who’s putting the kettle on?”



Phase Four: A New Culture (July 2026)

- Measure cultural shift
- Close gaps
- Explore future research
- A safer environment for all—mission ongoing.
- “This work matters—more than most will ever know.”





References

- Arias, C.A. and Murray, B.E. (2012) 'The rise of the Enterococcus: beyond vancomycin resistance', *Nature Reviews Microbiology*, 10(4), pp. 266–278.
- Aveling, E.L., Parker, M. and Dixon-Woods, M. (2016) 'What is the role of individual accountability in patient safety? A multi-site ethnographic study', *Sociology of Health & Illness*, 38(2), pp. 216–232.
- Bonten, M.J.M., Willems, R. and Weinstein, R.A. (2001) 'Vancomycin-resistant enterococci: why are they here, and where do they come from?', *The Lancet Infectious Diseases*, 1(5), pp. 314–325.
- Centers for Disease Control and Prevention (CDC) (1993) 'Nosocomial enterococci resistant to vancomycin—United States, 1989–1993', *Morbidity and Mortality Weekly Report (MMWR)*, 42(30), pp. 597–599.
- Centers for Disease Control and Prevention (CDC) (2019) *Core infection prevention and control practices for safe healthcare delivery in all settings*. Atlanta, GA: CDC.
- Courvalin, P. (2006) 'Vancomycin resistance in gram-positive cocci', *Clinical Infectious Diseases*, 42(Supplement_1), pp. S25–S34.
- Dixon-Woods, M., Baker, R., Charles, K., Dawson, J., Jerzembek, G., Martin, G., McCarthy, I., McKee, L., Minion, J., Ozieranski, P., Willars, J. and West, M. (2014) 'Culture and behaviour in the English National Health Service: overview of lessons from a large multimethod study', *BMJ Quality & Safety*, 23(2), pp. 106–115.
- European Centre for Disease Prevention and Control (ECDC) (2014) *Core competencies for infection control and hospital hygiene professionals in the European Union*. Stockholm: ECDC.
- Health Quality & Safety Commission New Zealand (HQSC) (2022) *Patient safety surveillance and monitoring*. Wellington: HQSC.
- Institute of Medicine (2001) *Crossing the quality chasm: A new health system for the 21st century*. Washington, DC: National Academies Press.
- Ministry of Health (2021) *Ngā Paerewa Health and Disability Services Standard NZS 8134:2021*. Wellington: Ministry of Health.
- Reason, J. (2000) 'Human error: models and management', *BMJ*, 320(7237), pp. 768–770.
- Uttley, A.H.C., Collins, C.H., Naidoo, J. and George, R.C. (1988) 'Vancomycin-resistant enterococci', *The Lancet*, 331(8575–8576), pp. 57–58.
- Vincent, C. and Amalberti, R. (2016) *Safer healthcare: Strategies for the real world*. Cham: Springer.
- Werner, G., Coque, T.M., Hammerum, A.M., Hope, R., Hryniewicz, W., Johnson, A., Klare, I., Kristinsson, K.G., Leclercq, R., Lester, C.H., Lillie, M., Novais, C., Olsson-Liljequist, B., Peixe, L., Sadowy, E., Simonsen, G.S., Top, J., Vuopio-Varkila, J., Willems, R.J.L. and Witte, W. (2008) 'Emergence and spread of vancomycin resistance among enterococci in Europe', *Euro Surveill*, 13(47), pp. 1–11.
- World Health Organization (WHO) (2016) *Guidelines on core components of infection prevention and control programmes at the national and acute health care facility level*. Geneva: WHO.
- World Health Organization (WHO) (2018) *Improving infection prevention and control at the health facility level: A practical manual*. Geneva: WHO.