

Medical Department

Infection Prevention and Control
Management of Delegates and Attendees

Training Facilitator:
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Goals:

- Preparedness for conference
- Readiness in care provision
- Prevention of avoidable infection
- Stop the spread of infection

Proverbs 9:9

*“Instruct the wise and they will be
wiser still;
teach the righteous and they
will add to their learning.”*



Learning Objectives & Outcomes

Objectives:

General understanding of care provision and how pathogens may be transmitted in our environment

Outcomes:

- Application of preventive principles
- Minimize opportunities for transmission of pathogens to attendees, healthcare workers and to the community



Targeted audience

- Physicians
- Physician assistants
- Patients
- Nurses
- Dentists
- Optometrists
- Pharmacists
- Special assistants
- Our community
 - Men
 - Women
 - Children

EVERYONE!!!!!!!!!!



Training Requirements

- Come with a heart to learn
- Come with a heart to help
- Note concepts, principles, and best practices
- **GET ENGAGED → ADVOCATE → BE PROACTIVE**

Hebrews 13:2

Do not forget to show hospitality to strangers,
for by so doing some people have shown
hospitality to angels without knowing it.

Infection control Leviticus 13: 1-5

- The Lord said to Moses and Aaron, ² “If anyone has a swelling or a rash or discolored skin that might develop into a serious skin disease,^[a] that person must be brought to Aaron the priest or to one of his sons.^[b] ³ The priest will examine the affected area of the skin. If the hair in the affected area has turned white and the problem appears to be more than skin-deep, it is a serious skin disease, and the priest who examines it must pronounce the person ceremonially unclean. ⁴ “But if the affected area of the skin is only a white discoloration and does not appear to be more than skin-deep, and if the hair on the spot has not turned white, the priest will quarantine the person for seven days. ⁵ On the seventh day the priest will make another examination. If he finds the affected area has not changed and the problem has not spread on the skin, the priest will quarantine the person for seven more days.

Chain of Infection

- Portal of entry → Sites and mechanisms → Respiratory, digestive, skin, injury, invasive device, procedures, surgical incision
- Mode of transmission → contact and vehicle → direct, indirect, droplet, airborne, food, water, vectors like flies
- Susceptible host

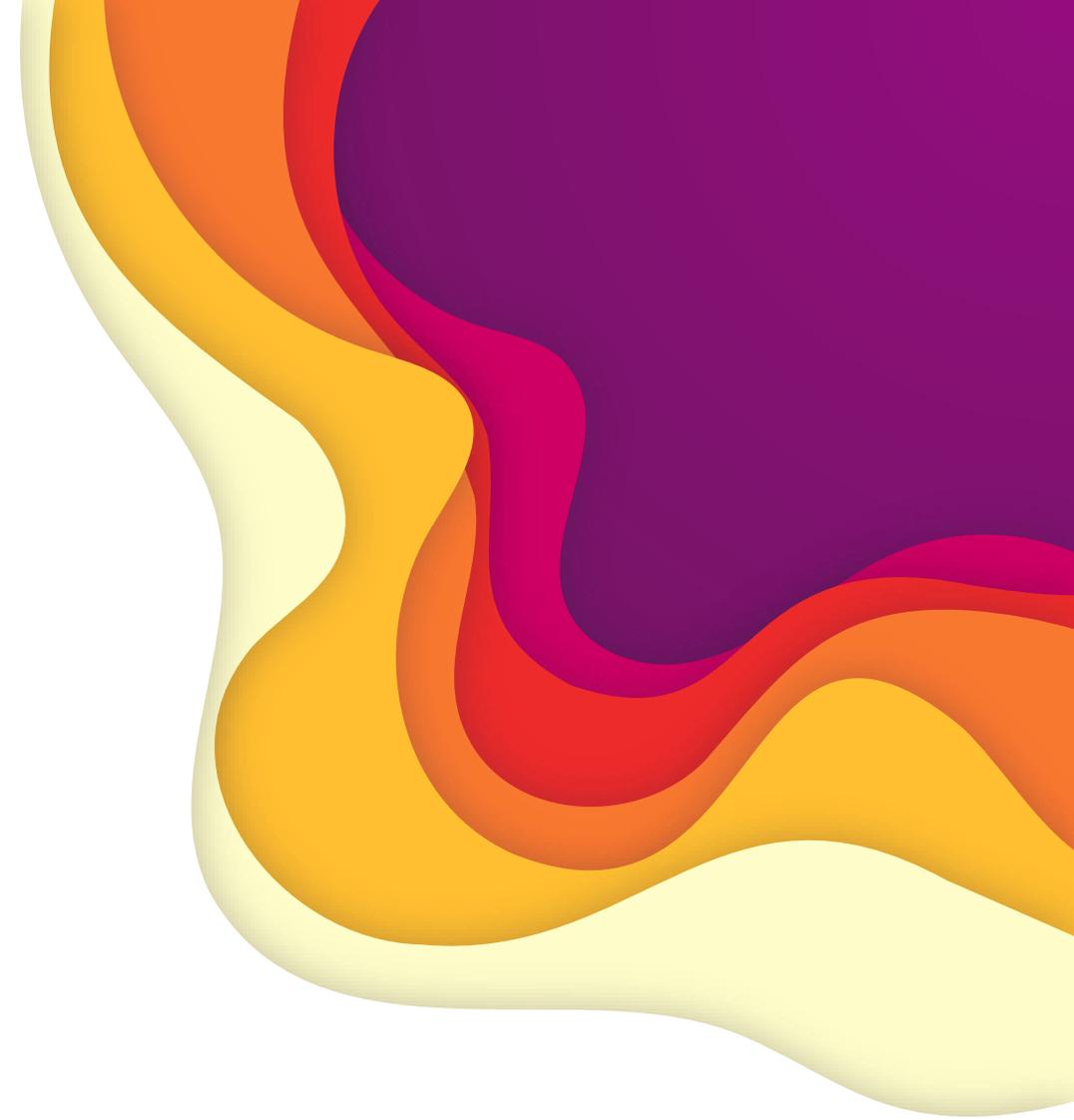


Methods to prevent the spread of pathogenic organisms

- 1. universal precautions
- 2. Management of patients infected
- 3. Control of routes of transmission

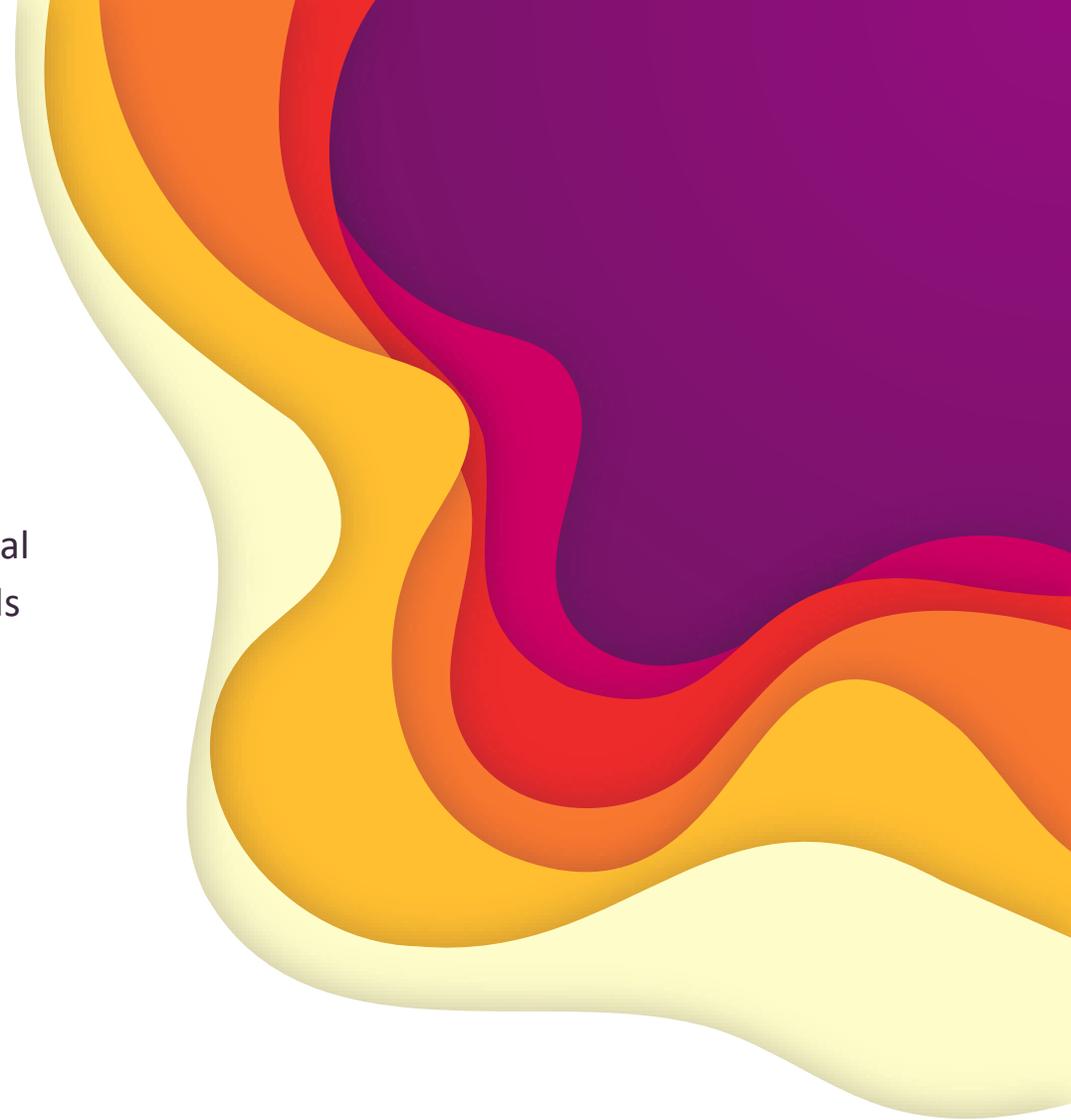
Universal precautions:

- Respiratory hygiene/cough etiquette
- Safe injection practices
- Use of masks during spinal/epidural access procedures
- **Management of patients infected**
- Early identification
- Prompt isolation
- Appropriate treatment



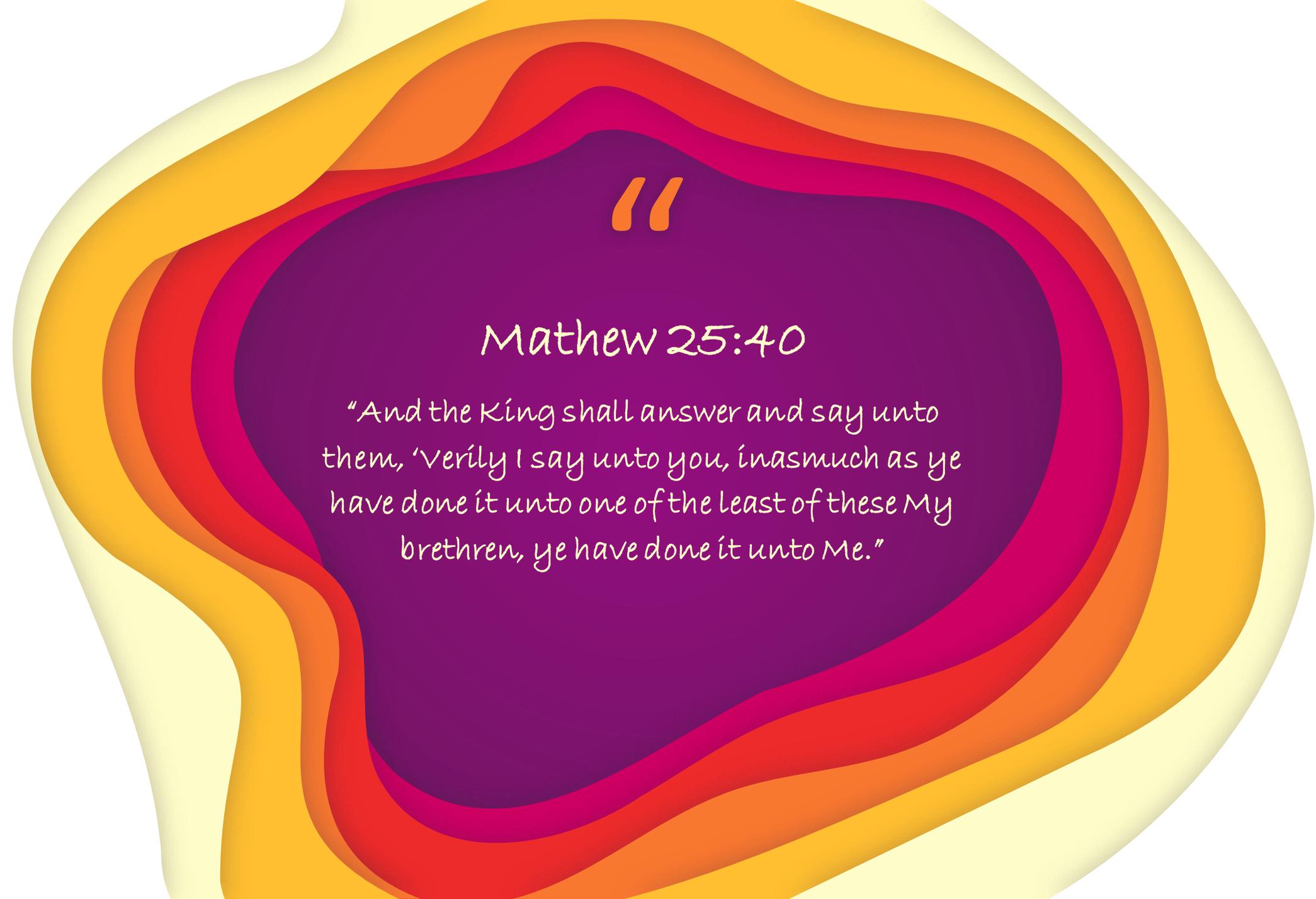
Control of routes of transmission

- Hand hygiene
 - Appropriate selection and use of agents (e.g., soap and water, alcohol-based hand sanitizers)
 - Factors influencing hand hygiene efficacy → Sources of potential contamination or cross-contamination of hand hygiene materials
- Use of appropriate barriers
 - Masks, gloves, gowns
- Appropriate isolation/cohorting of patients infected with communicable diseases



Environmental control measures

- Cleaning, disinfection, and sterilization of patient care equipment
- Environmental cleaning (housekeeping)
- Appropriate ventilation
- Waste management
- Linen and laundry management
- Food services
- Engineering and work practice controls
- Training and education of healthcare workers



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Mathew 25:40

“And the King shall answer and say unto them, ‘Verily I say unto you, inasmuch as ye have done it unto one of the least of these My brethren, ye have done it unto Me.”

Process Improvement

- **Plan**
 - Preparedness, Readiness, prevention
- **Do**
 - Get engaged, Advocate, be proactive
- **Check**
 - Follow best practice guidelines
- **Act**
 - Evaluate the process and enhance



Infection prevention is
teamwork.
Together
WE
Achieve
More



Thank You!

Any questions?

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