



# Lotta all'antimicrobico resistenza: nuove prospettive di ruolo e coinvolgimento degli infermieri nel Team

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# By 2050 AMR could cause

WORLDWIDE  
10 million  
deaths per year



IN EUROPE  
390,000  
deaths per year  
[AMR Review, 2014]

## The two most affected regions



IN AFRICA  
4.1 million  
deaths per year  
[AMR Review, 2014]



IN ASIA  
4.7 million  
deaths per year  
[AMR Review, 2014]

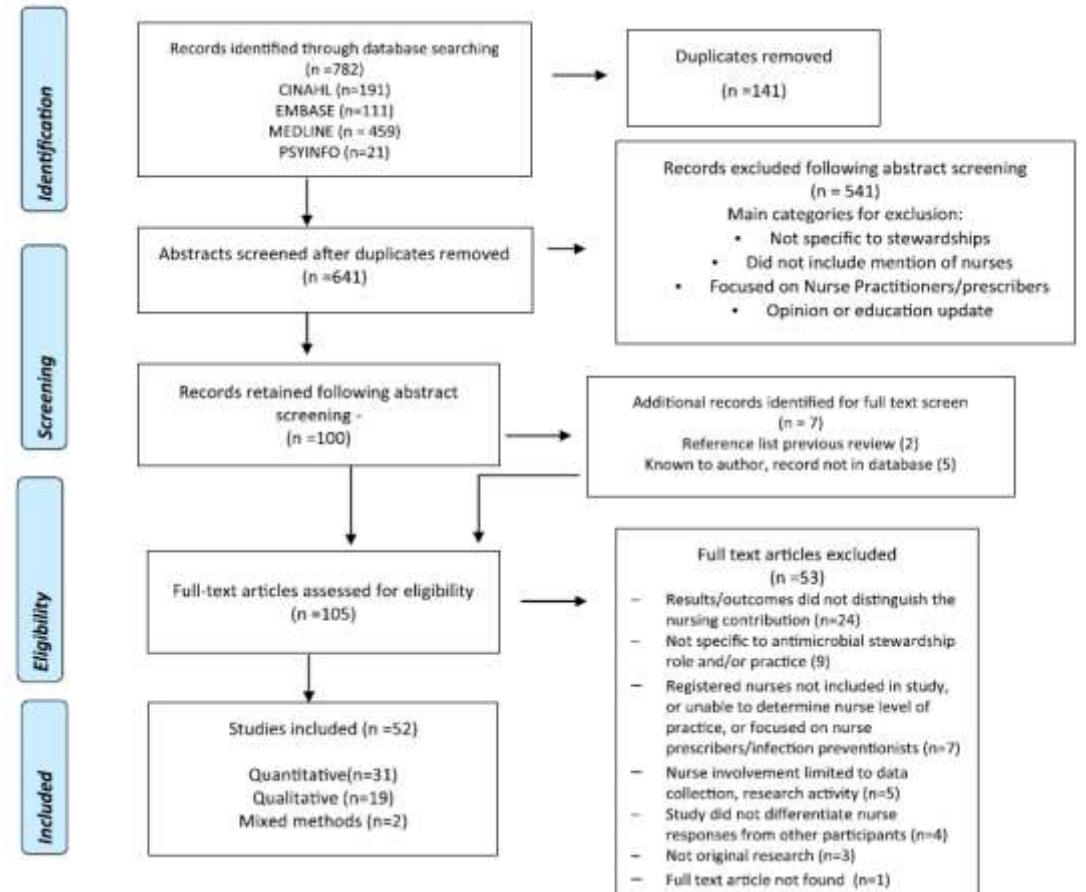


Review > Int J Nurs Stud. 2021 May;117:103787. doi: 10.1016/j.ijnurstu.2020.103787.  
Epub 2020 Oct 8.

## Nurse role and contribution to antimicrobial stewardship: An integrative review

Fiona Gotterson<sup>1</sup>, Kirsty Buising<sup>2</sup>, Elizabeth Manias<sup>3</sup>

*«Formal inclusion of nurses in antimicrobial stewardship has been associated with improved nurse knowledge, nurse confidence, and in some cases improved clinical outcomes for patients»*



Giornate di terapia antibiotica da 791.2 a 697.1 su 1000 giornate paziente (p=0.003) -94 giornate

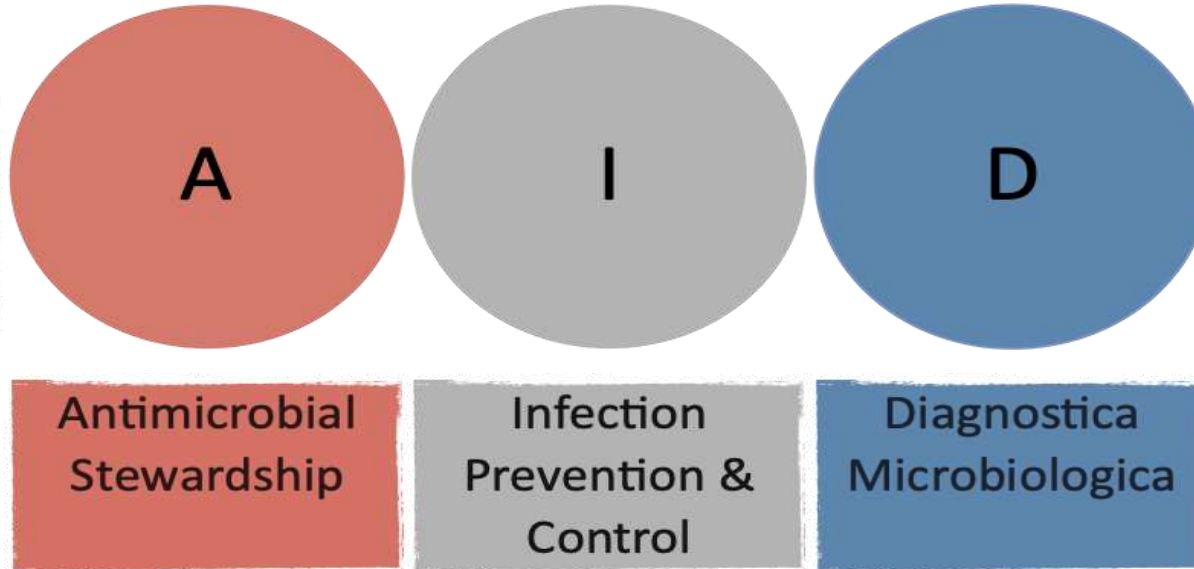


# La nostra realtà

## Approccio sistematico e visione d'insieme

# TEAM

Multidisciplinare



- Valuta il rischio (Hazard Vulnerability Analysis \_ FMECA, valutazione delle caratteristiche della popolazione, dei servizi erogati e del contesto, dei dati di sorveglianza e Benchmarking)
- Indica priorità, anche formative e gli obiettivi (PAICA)
- Pianifica modalità, ruoli e responsabilità
- Monitoraggio e Sorveglianza



**Monasterio**  
healing by research





# A che punto siamo?

## QUALI COMPETENZE

INFERMIERISTICHE NELL'AMS

## IDENTIFICARE

PUNTI DI FORZA, OPPORTUNITÀ,  
PERCEZIONE DEL RUOLO, GRADO DI  
COINVOLGIMENTO

MONITORAGGIO E  
MIGLIORAMENTO CONTINUO



### ▪ Revisione della letteratura

Daniels et al.  
*Antimicrobial Resistance & Infection Control* (2022) 11:153  
<https://doi.org/10.1186/s13756-022-01189-6>

Antimicrobial Resistance  
and Infection Control

REVIEW

Open Access

What are the nursing competencies related to antimicrobial stewardship and how they have been assessed? Results from an integrative rapid review



Matteo Daniels<sup>1,2\*</sup>, Domenico Regano<sup>1,3</sup>, Anna Castaldo<sup>1,4</sup>, Maria Mongardi<sup>1,5</sup> and Tania Buttiron Webber<sup>1,6</sup>

- Questionario rivolto agli infermieri della U.T.I in FTGM
  - Campione di convenienza
  - Fragilità del paziente

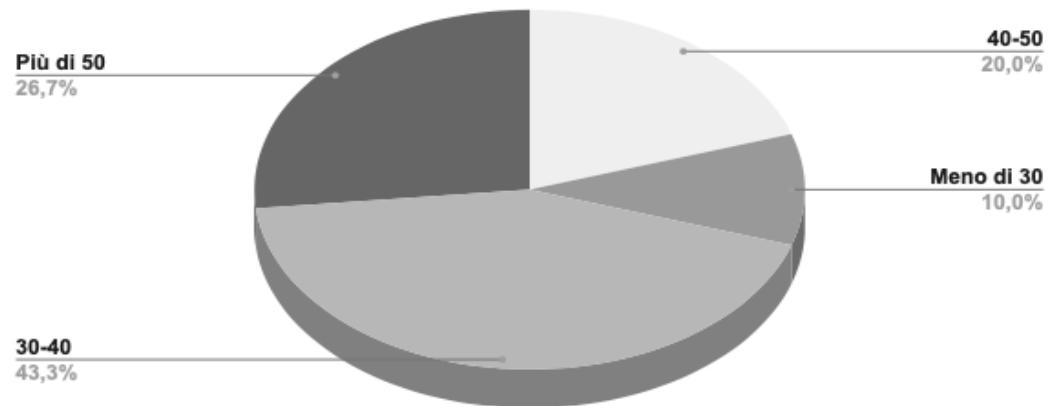
- Formazione
- Implementazione di interventi di AMS mirati al contesto clinico
- Sviluppo di sistemi a supporto del professionista



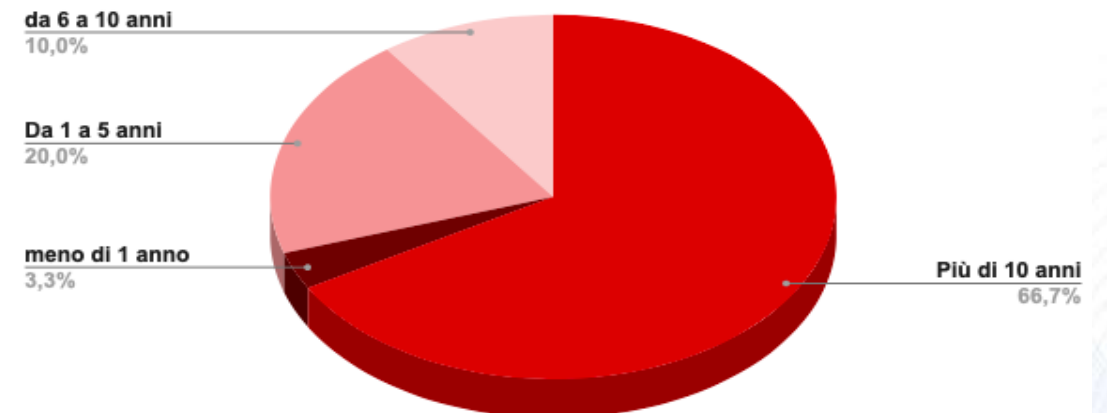
## Risultati dello studio di natura esplorativa/conoscitiva caratteristiche del campione

Campione	N.	% adesione
Personale infermieristico U.T.I. adulti	40	75%

Fascia di Età



Esperienza lavorativa in area critica



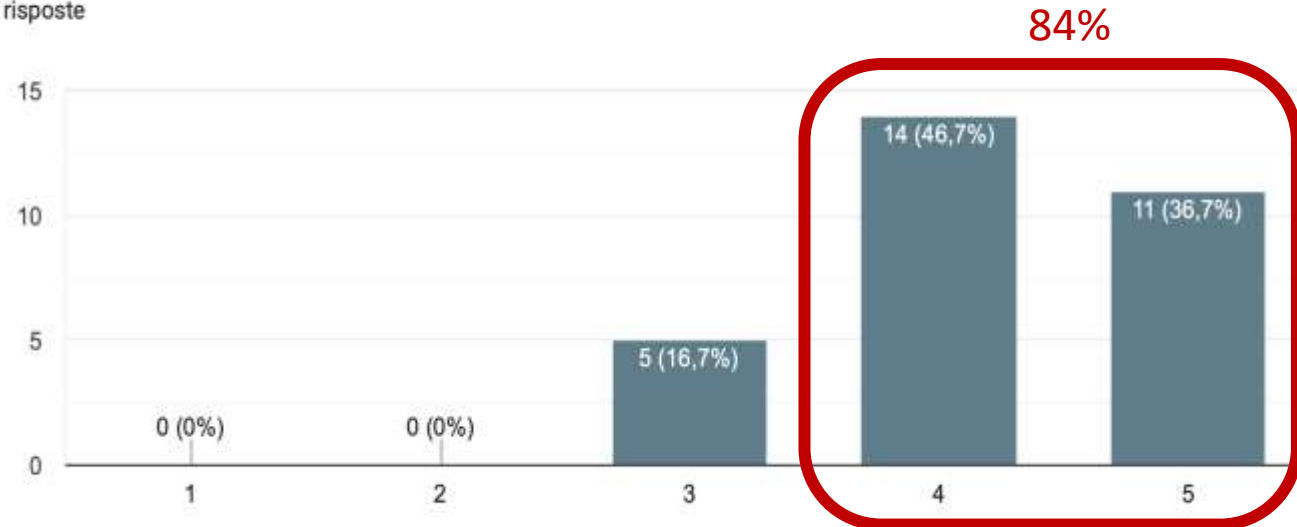


## Risultati dello studio di natura esplorativa/conoscitiva caratteristiche del campione

- Formazione: base (76,7%) vs avanzata (30%)
- Formazione base: Laurea triennale (80%) vs Diploma regionale (20%)
- Formazione specifica in AMS: 43,3%

Quanto ritieni che sia importante implementare la formazione in materia di Antimicrobial Stewardship in FTGM

30 risposte

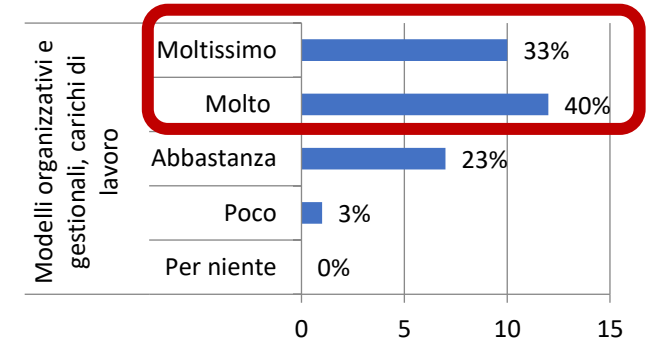
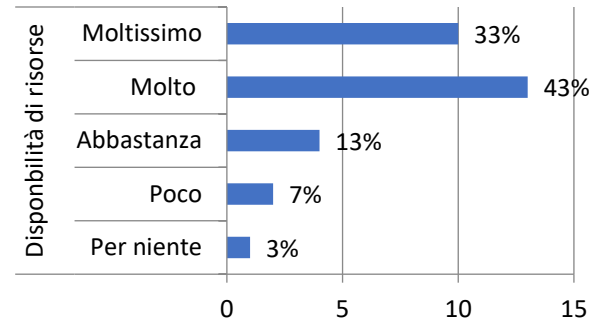
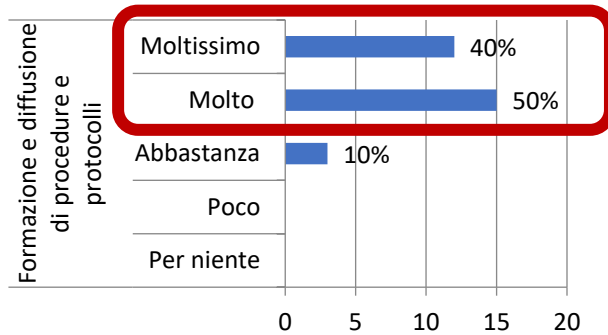


Media: 4,2 (molto importante)

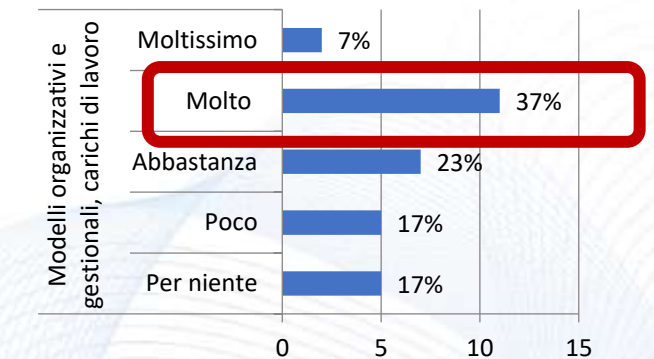
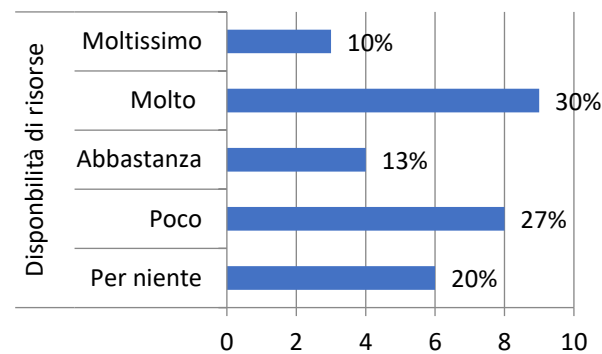
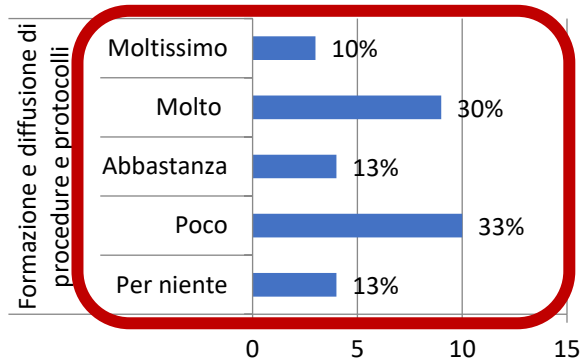


## Risultati dello studio di natura esplorativa/conoscitiva punti di forza vs criticità

Punti di forza



Criticità

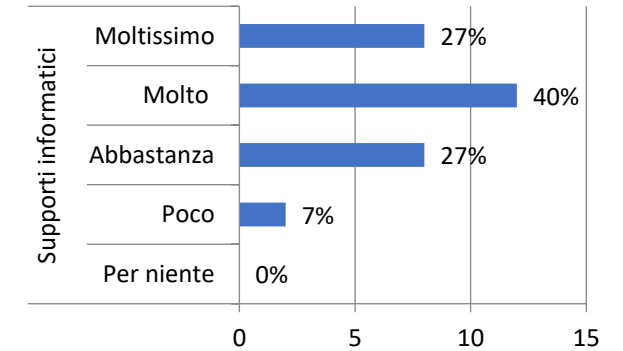
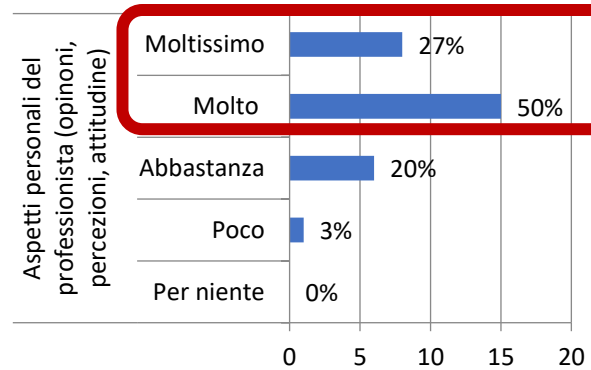
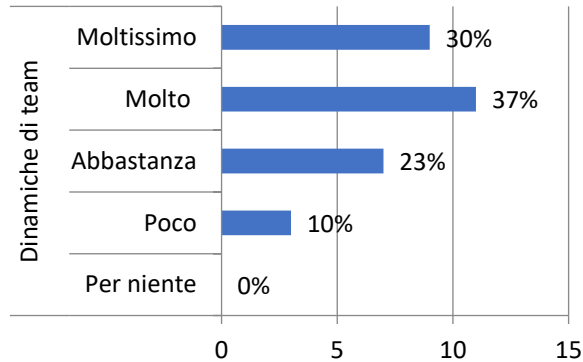




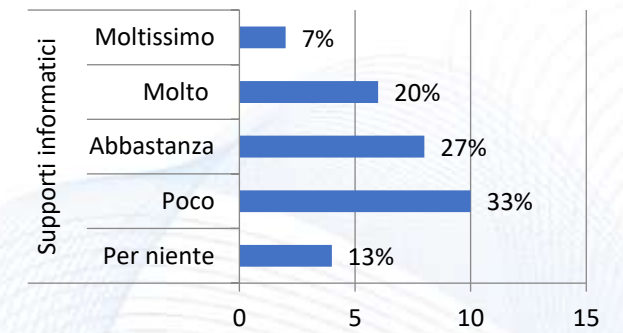
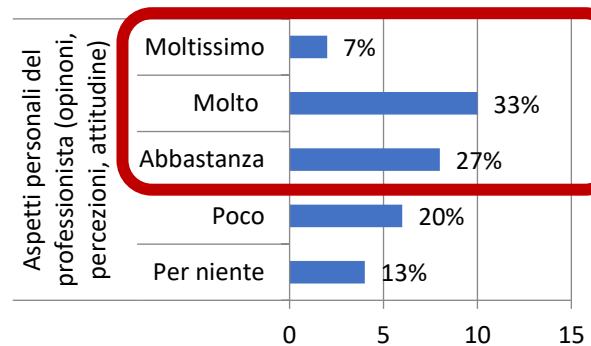
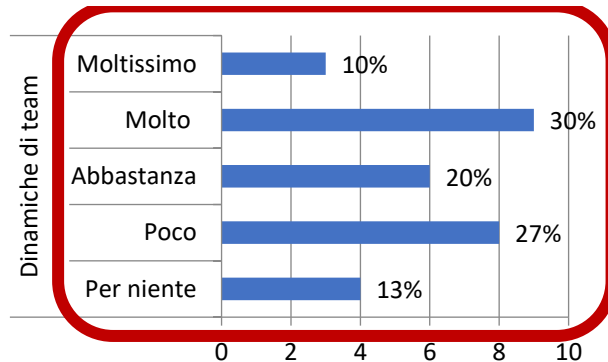


## Risultati dello studio di natura esplorativa/conoscitiva punti di forza vs criticità

Punti di forza

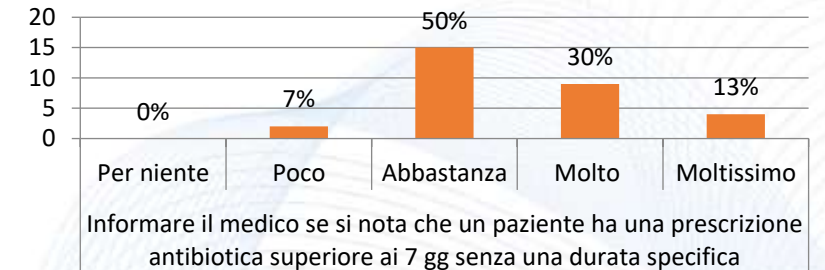
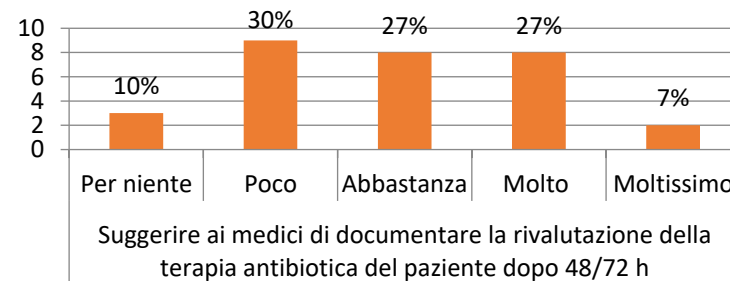
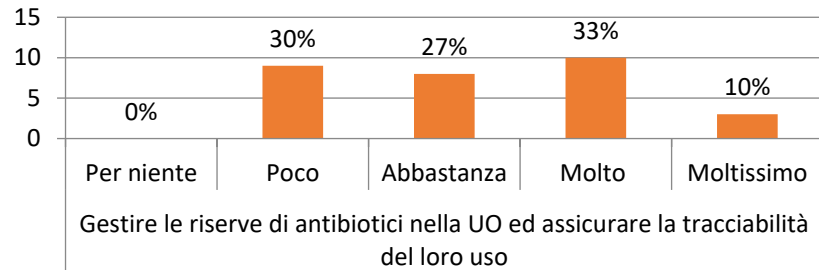
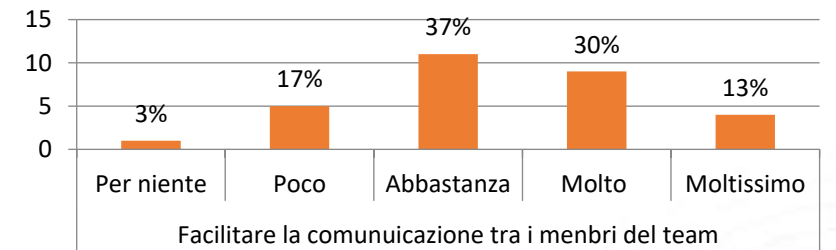
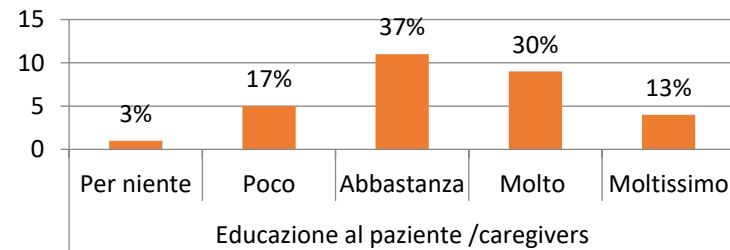
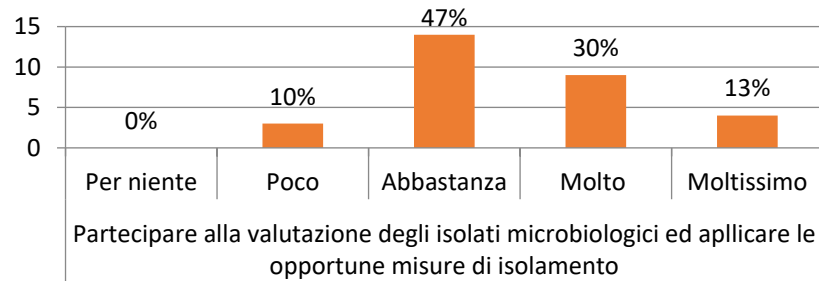
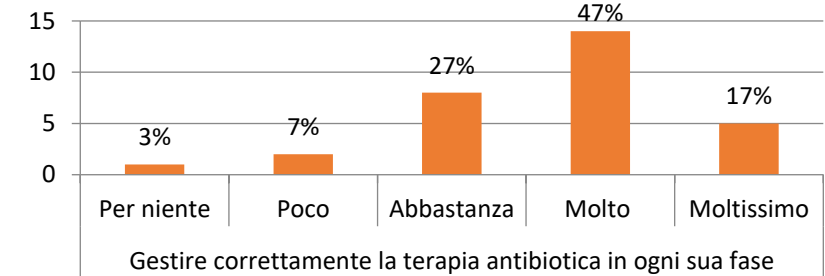
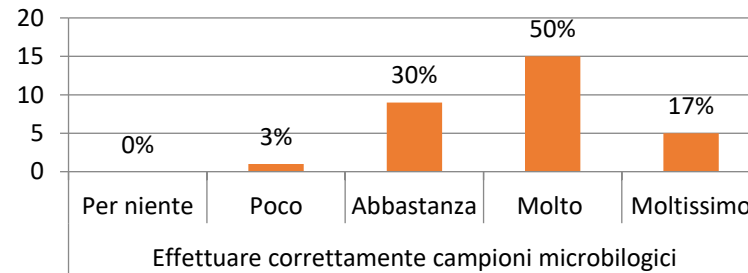
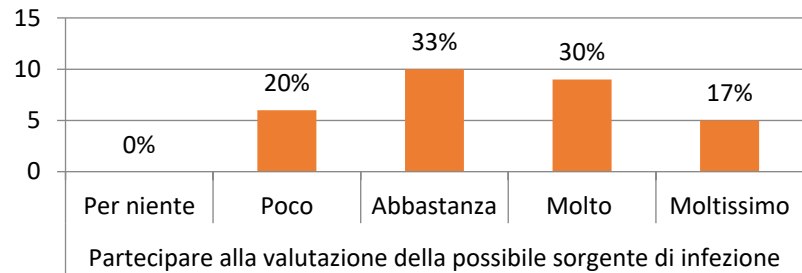


Criticità





## Risultati dello studio di natura esplorativa/conoscitiva macroaree della competenza





## Focus al futuro...

