Attachment 1: Questionnaire

Management of Multi-Drug Resistant
Organisms in Rehabilitation
Facilities



Is your facility a member in the MDRO network Rhine-Main?	Yes (C	No O
Main focus of your facility:			
<i>Is there an early neurologic rehabilitation section in your facility?</i> (<i>if yes: please answer questions page 2 and page 3 separately for general reh neurological rehabilitation; if no: please ignore all questions regarding early ne</i>		on and ea	
What type of rehabilitation facility do you work in?			
Attached/part of an acute hospital facility	0		
Stand-alone facility with doctor input on request only	0		
Stand-alone facility with 24-hr medical coverage by a doctor	0		
Other (please specify)			
Does your rehabilitation facility follow a written guideline or policy			
on the management of patients with MDROs?	Yes ()	No O
Which of the following policies/guidelines best describe the ones used in		acility?	
International guidelines	0		
National guidelines <i>(i.e. KRINKO)</i>	0		
Local /regional guidelines (Guidelines of the MDRO network)	0		
Guidelines or policies specific to rehabilitation facilities Other (please specify)	0		
Are there hygiene specialists available at your facility?			
Specialist in hospital hygiene (Physician)	Yes ()	No O
Authorized hygiene practitioner (one or more)	Yes ()	No O
Infection control nurse	Yes (2	No O
Authorized hygiene-care nurses	Yes (D	No O
How many rehabilitation beds do you have at your institution?			
How many single rooms?			
How many shared rooms?			
Regarding shared rooms: how many persons share one sanitary mode	ule?		
What proportion of your patients arrive from the following facilities?			
Acute Care hospital% from their hon	ne		%
Long-term care facilities for the elderly% other long-term	n care fa	acilities	%

Attachment 1 to: Heudorf U, Berres M, Hofmann S, Steul K. Management of patients with multidrug-resistant organisms in rehabilitation facilities. Results of a survey in the Rhine-Main region, Germany, 2019. GMS Hyg Infect Control. 2020;15:Doc15. DOI: 10.3205/dgkh000350

Please answer the following questions separately for general rehabilitation (GR) and – if available – for early neurological rehabilitation (ENR)

Do you establish whether your patients are colonized/infected with a multidrug-resistant organism (MDRO) prior to their admission?

General rehabilitation		
Yes, always where possible	0	
Yes, sometimes	0	
No, never	0	
Don't know	0	
Other (please specify)		

Early neurological rehabilitation

Yes, always where pos	sible O
Yes, sometimes	0
No, never	0
Don't know	0
Other (please specify)	

Do you screen for MDROs upon admission?

Yes, always where possible	0
Yes, sometimes	0
No, never	0
Don't know	0
Other (please specify)	

Early neurological rehabilitation

Yes, always where pos	sible O
Yes, sometimes	0
No, never	0
Don't know	0
Other (please specify)	

If only some patients are screened, what percentage of patients do you screen?

If only some patients are screened, which types of patients are selected for screening?

	GR	ENR
Those admitted from another institution	0	0
Patients who have previously tested positive for a multidrug-resistant organism (MDRO)	0	0
Only patients who will share a room with other patients	0	0
Don't know	0	0

Which organisms do you screen for on admission?

General rehabilitation		Early neurological rehabilitation		
MRSA	0	MRSA	0	
VRE	0	VRE	0	
3MRGN	0	3MRGN	0	
4MRGN/CRE	0	4MRGN/CRE	0	
ESBL	0	ESBL	0	
Clostr. difficile	0	Clostr. difficile	0	
Other (please specify)				

Are patients screened for MDROs prior to their discharge?

	General rehabilitation			Early neurolog	gical rehabilitation
	Yes				
		0)	Yes	0
	No	0)	No	0
	Don't know	0)	Don't know	0
	Sometimes in certain ci	rcumstanc	ces	Sometimes in o	certain circumstances
	(Please explain briefly b	pelow)		(Please explain	n briefly below)
				· · · · · · · · · · · · · · · · · · ·	
		ige of you	ır rehabilitatio	on in-patients a	are colonized/infected with an
MDRO	General rehabilitation			Early neurolo	gical rehabilitation
	MRSA%			MRSA	-
	VRE%			VRE	%
	3MRGN%			3MRGN	%
	4MRGN/CRE%			4MRGN/CRE	%
	Don't know O			Don't know	0
Do pat	tients with MDROs have	e to wait lo	onger for adn	nission to your	rehabilitation hospital?
20 pu	Yes O	No O		Don't know O	
Which	MDROs were responsi	ble for de	laying admis	sion?	
	MRSA	0			
	VRE	0			
	3MRGN	0			
	4MRGN/CRE	0			
	ESBL	0			
	Other (please specify) .				
Have p status		ntry to yo	our rehabilitat	ion facility on t	the basis of their MDRO
	Yes O	No O		Don't know O	
Are pa	tients with MDROs gro	uped in se	eparate ward	s or ward area	s?
	Yes O	No O		Don't know O	
lf the p	previous question was	answered	with yes: Ho	w are the patie	ents grouped?
	Create new single room	าร			0
	Create separate areas	on the war	rd for MDRO p	atients only	0
	Create separate sectior	n for MDR	O patients in t	nerapy areas	0
	Dedicate equipment for	MDRO pa	atients		0
	Dedicate equipment for	individual	MDRO patier	its	0
	Schedule MDRO patier	nts at the e	end of therapy	hours	0
	Don't know				0
	Other (please specify)				

Have you altered your rehabilitation facilities in any way to accommodate MDRO patients?

Yes O No O	Don't know O

Are the activities of patients with MDROs limited in any of the following ways to prevent the spread of these organisms?

Therapy in patient's room only	0
Therapy in a gym dedicated to MDRO patients	0
Meals in patient's room only	0
Not allowed to attend physiotherapy gym	0
Not allowed to attend occupational therapy gym	0
Not allowed to attend hydrotherapy	0
Not allowed to participate in group therapy	0
Not allowed to attend social gatherings	0
Don't know	0
Other (please specify)	

Are patients with MDROs allowed to participate in a full rehabilitation program?

Yes	0	No	0
100	0	110	0

What impact do you feel isolating patients with MDROs has on their outcome?

Severely limits outcome	0
Moderately limits outcome	0
Slightly limits outcome	0
Does not limit outcome	0
Other (please specify)	

To which of the following groups, if any, does your institution offer education or training in relation to MDROs? (Please select all that apply)

Nurses	0
Doctors	0
Allied Health Professionals	0
Other Ward Staff	0
Patients	0
Family members or visitors	0
Others	0
No education or training relating to MDROs is provided	0
Don't know	0

Thank you very much!

The questionnaire was adopted from Doherty A, McNicholas S, Burger H, Boldrini P, Delargy M. European survey of management of patients with multidrug-resistant organisms in rehabilitation facilities. Eur J Phys Rehabil Med. 2019 Aug;55(4):418-423. DOI: 10.23736/S1973-9087.19.05570-9