Management of Multi-Drug Resistant Organisms in Rehabilitation Facilities



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

| | Early neurological rehabi | litation | | |
|--------------------------|--|---|--|--|
| 0 | Yes, always where possible | e O | | |
| 0 | Yes, sometimes | 0 | | |
| 0 | No, never | 0 | | |
| 0 | Don't know | 0 | | |
| | Other (please specify) | | | |
| mission? | | | | |
| | Early neurological rehabi | litation | | |
| 0 | Yes, always where possible | e O | | |
| Ο | Yes, sometimes | Ο | | |
| 0 | No, never O | | | |
| Ο | Don't know | Ο | | |
| Other (please specify) | | Other (please specify) | | |
| , what percenta | ge of patients do you scree | n? | | |
| General rehabilitation % | | Early neurological rehabilitation % | | |
| , which types o | - | - | | |
| institution | GR EN | К | | |
| tested positive | | | | |
| | 0 0 0 mission? 0 0 0 0 what percenta | O Yes, sometimes O No, never O Don't know Other (please specify) Mission? Early neurological rehabit O Yes, always where possible O Yes, sometimes O No, never O Don't know Other (please specify) The complete of patients do you scree of patients are selected for se of patients are selected for second patients | | |

Which organisms do you screen for on admission?

Don't know

for a multidrug-resistant organism (MDRO)

Only patients who will share a room with other patients O

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

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0

0

0

0

0

| Are patients scre | ened for MDROs pric | or to their discharge? | | | | |
|---|---|--------------------------|--------------------------------|---------------|--|--|
| General r | ehabilitation | Early no | eurological rehabilitation | on | | |
| Yes | | O Yes | | 0 | | |
| No | | O No | | 0 | | |
| Don't knov | N | O Don't kn | IOW | 0 | | |
| Sometime | s in certain circumstar | ices Sometin | mes in certain circumstar | nces | | |
| (Please ex | xplain briefly below) | (Please | (Please explain briefly below) | | | |
| | | | | | | |
| Approximately w MDRO? | hat percentage of yo | ur rehabilitation in-pat | tients are colonized/info | ected with an | | |
| | ehabilitation | Early no | eurological rehabilitation | on | | |
| MRSA | % | MRSA | % | | | |
| VRE | % | | % | | | |
| 3MRGN | | | l% | | | |
| 4MRGN/C | CRE% | 4MRGN | I/CRE% | | | |
| Don't knov | w O | Don't kn | now O | | | |
| Do patients with | MDROs have to wait | longer for admission t | to your rehabilitation h | ospital? | | |
| Yes O | No O | Don't kn | iow O | | | |
| MRSA VRE 3MRGN 4MRGN/C ESBL | 0 | | | | | |
| VI. | • | aur rababilitation facil | | - MDDO | | |
| status? | en refused entry to y | our remadilitation facil | ity on the basis of thei | I WIDKO | | |
| Yes O | No O | Don't kn | now O | | | |
| Are patients with | MDROs grouped in | separate wards or war | d areas? | | | |
| Yes O | No O | Don't kn | now O | | | |
| If the previous qu | uestion was answere | d with yes: How are th | e patients grouped? | | | |
| Create ne | w single rooms | | Ο | | | |
| Create se | parate areas on the wa | ard for MDRO patients o | only O | | | |
| , | • | RO patients in therapy a | • | | | |
| , | equipment for MDRO p | | 0 | | | |
| | equipment for individua | | 0 | | | |
| | MDRO patients at the | • | 0 | | | |
| Don't knov | • | ond of therapy hours | 0 | | | |
| | W | | U | | | |

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| Have you alte | ered your rehabilit | ation facil | ities in any | way to a | ccommodate | MDRO patients? |
|---------------|--|---------------|----------------|------------|-----------------|--------------------|
| Yes | 0 1 | 10 O | | Don't kno | ow O | |
| | ities of patients wi ese organisms? | ith MDROs | s limited in a | any of the | e following wa | ys to prevent the |
| Thera | py in patient's room | n only | | | | 0 |
| Thera | py in a gym dedica | ted to MDF | RO patients | | | 0 |
| Meals | in patient's room o | only | | | | 0 |
| Not al | lowed to attend phy | /siotherapy | / gym | | | 0 |
| Not al | lowed to attend occ | cupational t | therapy gym | | | 0 |
| Not al | lowed to attend hyd | drotherapy | | | | 0 |
| Not al | lowed to participate | e in group t | herapy | | | 0 |
| Not al | lowed to attend so | cial gatherii | ngs | | | 0 |
| Don't | know | | | | | 0 |
| Other | (please specify) | | | | | |
| Are patients | with MDROs allow | ed to part | icipate in a | full rehal | bilitation prog | ram? |
| Yes | 0 1 | No O | | | | |
| What impact | do you feel isolati | ing patient | ts with MDR | ROs has c | on their outco | me? |
| Sever | ely limits outcome | | | | | 0 |
| Moder | rately limits outcom | е | | | | 0 |
| Slightl | ly limits outcome | | | | | 0 |
| Does | not limit outcome | | | | | 0 |
| Other | (please specify) | | | | | |
| | he following grou DROs? (Please se | | | institutio | n offer educat | ion or training in |
| Nurse | s | | | | | 0 |
| Docto | rs | | | | | 0 |
| Allied | Health Professiona | als | | | | 0 |
| Other | Ward Staff | | | | | 0 |
| Patien | ıts | | | | | 0 |
| Family | y members or visito | ors | | | | 0 |
| Others | S | | | | | 0 |
| No ed | ucation or training | relating to I | MDROs is p | rovided | | 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

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