Need to get better definitions for the values in OBX-30 for result sub-ID:

|  |  |  |
| --- | --- | --- |
| **Code** | **Description** | **Definition / Notes** |
| AOE | Ask at Order Entry |  |
| ASC | Ask at Specimen Collection |  |
| UNSP | Unspecified |  |
| SUP | Supplemental Result |  |
| SUR | Susceptibility Related |  |
| MIRM | Micro Isolate Related Modifier |  |
| MNIR | Micro Non-Isolate Related |  |
| MIR | Micro Isolate Related |  |

There are also the following LRI#237 and #238

We need to update several examples to ensure all understand what each of the above codes are used for.

LRI#234: email from Dan (EPIC):
**Observation Subcomponents**

Green – Example in guide

Blue – Suggested example to add to guide

Red- Example is guide, suggested removal

**MIR**( Isolate Related) – Seems to be identified organisms.

         Named Organism – e.x. Staphylococcus aureus

         Gram Stains with organism information – e.g. Gram Positive Cocci in clusters (page 191)

         Organism groups – e.x. Shigella Species

         General organism observations – e.x. Normal Flora - if not accompanying another named organism (Page 191, 256) Should probably be MNIR because it does not refer to a specific isolate. See Normal Flora Section

         Non organisms – ex. WBCS - (Page 191) Should probably be MNIR because it is a cell not an organism

**MIRM**(Isolate Related Modifier) – These seem like the any other OBX segments that modify the organism

         Colony Counts -  Many, Heavy Growth

         Numeric Colony Counts

o   ex. OBX|1|SN|624-7^Bacteria Spt Resp Cul^LN^...|^6^1|>^10000|CFU/mL|

o   ex. OBX|1|SN|624-7^Bacteria Spt Resp Cul^LN^...|^6^1|60,000-100,000|CFU/mL|

         General organism observations – e.x. Normal Flora Normal Flora with accompanying isolate (no example)

**MNIR**(Non Isolate related) – Anything not specific to an organism, or modifying an organism

         General organism observations – e.x. Normal Flora Normal Flora with no accompanying isolate (Page 259)

         Non organisms – ex. WBCs - (Page 191) Should probably be MNIR because it is a cell not an organism

         No Growth – ex. No Growth, No Staphylococcus aureus seen. Does not refer to an organism. No examples in guide

         Gram stains with organism information – ex. Gram Positive Rods. (page 258) Should be MIR (e.g. is MIR on p. 191)

**Normal Flora**

**Variance in guide**

**Page 251**

OBX|11|CWE|624-7^Bacteria Spt Resp Cul^LN^...|^6^1|263812008^Moderate growth^SCT^...|...||RSLT|MIRM

OBX|12|CWE|624-7^Bacteria Spt Resp Cul^LN^...|^6^2|23506009^Normal flora^SCT^...|...||RSLT|MIRM

**Page 256**

OBX|11|CWE|624-7^Bacteria Spt Resp Cul^LN^...|^6^1|263812008^Moderate growth^SCT^...|...||RSLT|MIRM

OBX|12|CWE|624-7^Bacteria Spt Resp Cul^LN^...|^6^2|23506009^Normal flora^SCT^...|...||RSLT|MIR

**Page 259**

OBX|11|CWE|624-7^Bacteria Spt Resp Cul^LN^...|^6^1|263812008^Moderate growth^SCT^...|...||RSLT|MNIR

OBX|12|CWE|624-7^Bacteria Spt Resp Cul^LN^...|^6^2|23506009^Normal flora^SCT^...|...||RSLT|MNIR

**Page 191**

OBX|11|CWE|624-7^Bacteria Spt Resp Cul^LN^...|**^6^1**|263812008^Moderate growth^SCT^...|RSLT|MNIR|

OBX|12|CWE|624-7^Bacteria Spt Resp Cul^LN^...|**^6^2**|23506009^Normal flora^SCT^...|RSLT|MIR|

**Suggested structure**

**No identified Organism**

OBX|11|CWE|624-7^Bacteria Spt Resp Cul^LN^...|^6^1|263812008^Moderate growth^SCT^...|...||RSLT|MNIR

OBX|12|CWE|624-7^Bacteria Spt Resp Cul^LN^...|^6^2|23506009^Normal flora^SCT^...|...||RSLT|MNIR

**Modifiying Identified organism**

OBX|11|CWE|624-7^Bacteria Spt Resp Cul^LN^...|^6^1|263812008^Moderate growth^SCT^...|...||RSLT|MIRM

OBX|12|CWE|624-7^Bacteria Spt Resp Cul^LN^...|^6^2|23506009^Normal flora^SCT^...|...||RSLT|MIRM

OBX|12|CWE|624-7^Bacteria Spt Resp Cul^LN^...|^6^2|60875001^Staphylococcus Epidermis^SCT^...|...||RSLT||MIR

**Comments**

If MNIR can contain a non-growth value, it would be more difficult to identify the growth. It may be useful to be able to write rules based on whether an organism had Heavy Growth or Moderate Growth.  Instead, things like “no growth” or “identification to follow” or “communicated to physician” should be in an NTE.

Need to include an example of how organism comments should be included.  At the very least we need more OBX-30 values (which are really taking the place of more discrete OBX-3 values, but yet matching the same OBX-3s is necessary to group all the different ~3 OBXs for the same observation together since OBX-4 is ONLY a function of OBX-3, unfortunately).

Good:

OBX|13|ST|624-7^Bacteria Spt Resp Cul^LN^...|^7^1^1|60,000-100,000|CFU/mL...|RSLT|MIRM|

OBX|14|CWE|624-7^Bacteria Spt Resp Cul^LN^...|^7^2^1|56415008^Klebsiella pneumonia^SCT^...|RSLT|MIR|

NTE|||Culture Identification to follow|

Bad:

OBX|13|ST|624-7^Bacteria Spt Resp Cul^LN^...|^7^1^1|60,000-100,000|CFU/mL...|RSLT|MIRM|

OBX|14|CWE|624-7^Bacteria Spt Resp Cul^LN^...|^7^2^1|56415008^Klebsiella pneumonia^SCT^...|RSLT|MIR|

OBX|14|ST|624-7^Bacteria Spt Resp Cul^LN^...|^7^3^1|Culture Identification to follow...|RSLT|MIRM|