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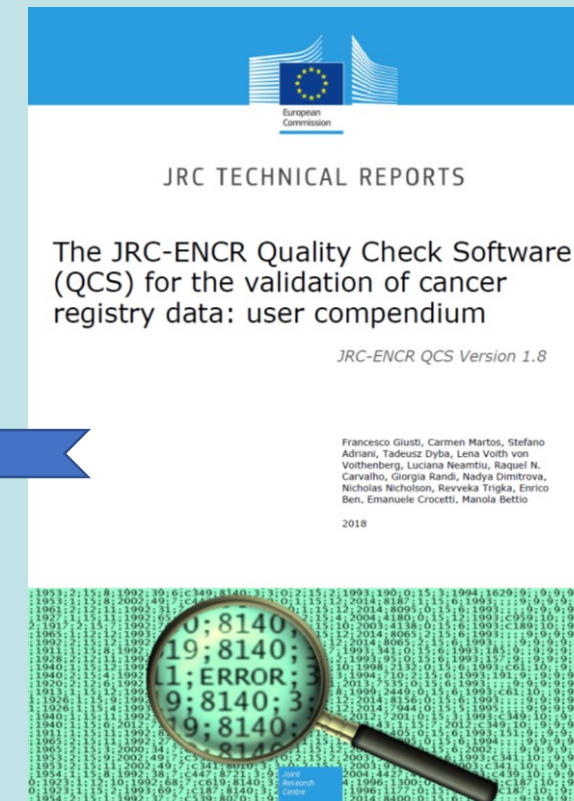
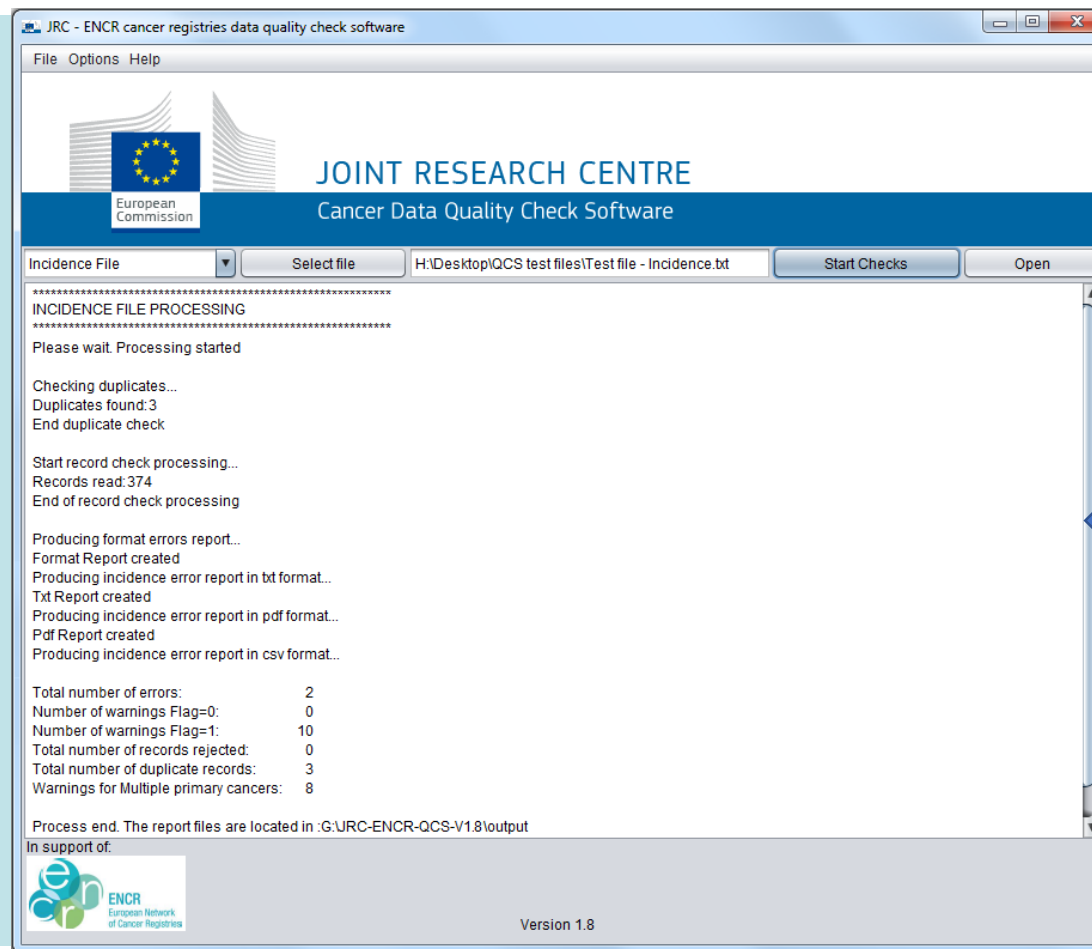
# **Using JRC-ENCR Quality Check Software: checking topography, morphology, behaviour and grade codes**

**JRC-ENCR training course**

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Copenhagen, 25 September 2018

# JRC-ENCR Quality Check Software (QCS)



# Checking topography, morphology, behaviour and grade codes: E-OUTR

| 2_Patient_ID |         |           |        |       |           | 3_Tumour_ID |          |           |            |
|--------------|---------|-----------|--------|-------|-----------|-------------|----------|-----------|------------|
| 1_Flag       | 13_Topo | 14_Morpho | 15_Beh | 7_Sex | DoI       | DoB         | Var_Name | Var_Value | Error_Code |
| 0            | C427    | 9800      | 3      | 2     | 15/9/1999 | /10/1910    | 13_Topo  | C427      | E-OUTR     |

| 2_Patient_ID |         |           |        |       |          | 3_Tumour_ID |           |           |            |
|--------------|---------|-----------|--------|-------|----------|-------------|-----------|-----------|------------|
| 1_Flag       | 13_Topo | 14_Morpho | 15_Beh | 7_Sex | DoI      | DoB         | Var_Name  | Var_Value | Error_Code |
| 0            | C620    | 9999      | 9      | 1     | 9/4/2000 | /12/1978    | 14_Morpho | 9999      | E-OUTR     |

# Checking topography, morphology, behaviour and grade codes: E-OUTR

| 2_Patient_ID |         |           |        |       |            | 3_Tumour_ID |          |           |            |
|--------------|---------|-----------|--------|-------|------------|-------------|----------|-----------|------------|
| 1_Flag       | 13_Topo | 14_Morpho | 15_Beh | 7_Sex | DoI        | DoB         | Var_Name | Var_Value | Error_Code |
| 0            | C809    | 8140      | 6      | 1     | 18/01/2002 | /5/1950     | 15_Beh   | 6         | E-OUTR     |

| 2_Patient_ID |         |           |        |       |            | 3_Tumour_ID |          |           |            |
|--------------|---------|-----------|--------|-------|------------|-------------|----------|-----------|------------|
| 1_Flag       | 13_Topo | 14_Morpho | 15_Beh | 7_Sex | DoI        | DoB         | Var_Name | Var_Value | Error_Code |
| 1            | C774    | 8720      | 6      | 2     | 99/12/1986 | 99/8/1945   | 15_Beh   | 6         | E-OUTR     |

| 2_Patient_ID |         |           |        |       |           | 3_Tumour_ID |          |           |            |
|--------------|---------|-----------|--------|-------|-----------|-------------|----------|-----------|------------|
| 1_Flag       | 13_Topo | 14_Morpho | 15_Beh | 7_Sex | DoI       | DoB         | Var_Name | Var_Value | Error_Code |
| 1            | C519    | 8720      | 3      | 2     | 21/6/1994 | /2/1937     | 16_Grade | 0         | E-OUTR     |

# Checking topography, morphology, behaviour and grade codes: E-FORM

| 2_Patient_ID |         |           |        |       |            | 3_Tumour_ID |           |           |            |
|--------------|---------|-----------|--------|-------|------------|-------------|-----------|-----------|------------|
| 1_Flag       | 13_Topo | 14_Morpho | 15_Beh | 7_Sex | DoI        | DoB         | Var_Name  | Var_Value | Error_Code |
| 0            | C443    | 80984     | 3      | 1     | 99/99/2012 | 99/99/9999  | 14_Morpho | 80984     | E-FORM     |

| 2_Patient_ID |         |           |        |       |          | 3_Tumour_ID |          |           |            |
|--------------|---------|-----------|--------|-------|----------|-------------|----------|-----------|------------|
| 1_Flag       | 13_Topo | 14_Morpho | 15_Beh | 7_Sex | DoI      | DoB         | Var_Name | Var_Value | Error_Code |
| 1            | C502    | 8140      | 3      | 2     | 5/5/2010 | 99/10/1924  | 16_Grade | X         | E-FORM     |

# Checking morphology and topography combination codes: W-MOTO

| 2_Patient_ID |         |           |        |       |            | 3_Tumour_ID |                      |              |                  |
|--------------|---------|-----------|--------|-------|------------|-------------|----------------------|--------------|------------------|
| 1_Flag       | 13_Topo | 14_Morpho | 15_Beh | 7_Sex | DoI        | DoB         | Var_Name             | Var_Value    | Error_Code       |
| 0            | C779    | 8070      | 3      | 2     | 30/12/2008 | 10/1946     | 14_Morpho<br>13_Topo | 8070<br>C779 | W-MOTO<br>W-MOTO |

| 2_Patient_ID |         |           |        |       |            | 3_Tumour_ID |                      |              |                  |
|--------------|---------|-----------|--------|-------|------------|-------------|----------------------|--------------|------------------|
| 1_Flag       | 13_Topo | 14_Morpho | 15_Beh | 7_Sex | DoI        | DoB         | Var_Name             | Var_Value    | Error_Code       |
| 0            | C250    | 8145      | 3      | 1     | 99/10/2006 | 99/10/1948  | 14_Morpho<br>13_Topo | 8145<br>C250 | W-MOTO<br>W-MOTO |



# Checking morphology and grade combination codes: W-MOGR

| 2_Patient_ID |         |           |        |       |           | 3_Tumour_ID |                                 |                |                            |
|--------------|---------|-----------|--------|-------|-----------|-------------|---------------------------------|----------------|----------------------------|
| 1_Flag       | 13_Topo | 14_Morpho | 15_Beh | 7_Sex | DoI       | DoB         | Var_Name                        | Var_Value      | Error_Code                 |
| 0            | C569    | 8620      | 3      | 2     | 27/5/2011 | /7/1954     | 16_Grade<br>14_Morpho<br>15_Beh | 5<br>8620<br>3 | W-MOGR<br>W-MOGR<br>W-MOGR |

| 2_Patient_ID |         |           |        |       |           | 3_Tumour_ID |                                 |                |                            |
|--------------|---------|-----------|--------|-------|-----------|-------------|---------------------------------|----------------|----------------------------|
| 1_Flag       | 13_Topo | 14_Morpho | 15_Beh | 7_Sex | DoI       | DoB         | Var_Name                        | Var_Value      | Error_Code                 |
| 1            | C445    | 9709      | 3      | 1     | 99/5/1998 | 99/11/1913  | 16_Grade<br>14_Morpho<br>15_Beh | 6<br>9709<br>3 | W-MOGR<br>W-MOGR<br>W-MOGR |

| 2_Patient_ID |         |           |        |       |           | 3_Tumour_ID |                                 |                |                            |
|--------------|---------|-----------|--------|-------|-----------|-------------|---------------------------------|----------------|----------------------------|
| 1_Flag       | 13_Topo | 14_Morpho | 15_Beh | 7_Sex | DoI       | DoB         | Var_Name                        | Var_Value      | Error_Code                 |
| 1            | C619    | 8021      | 3      | 1     | 14/5/2003 | /11/1934    | 16_Grade<br>14_Morpho<br>15_Beh | 3<br>8021<br>3 | W-MOGR<br>W-MOGR<br>W-MOGR |



# Checking morphology and behaviour combination codes: E-MOBE

| 2_Patient_ID |         |           |        |       |           | 3_Tumour_ID |                     |           |                  |
|--------------|---------|-----------|--------|-------|-----------|-------------|---------------------|-----------|------------------|
| 1_Flag       | 13_Topo | 14_Morpho | 15_Beh | 7_Sex | DoI       | DoB         | Var_Name            | Var_Value | Error_Code       |
| 1            | C443    | 8075      | 2      | 2     | 99/8/2012 | /5/1932     | 14_Morpho<br>15_Beh | 8075<br>2 | E-MOBE<br>E-MOBE |

| 2_Patient_ID |         |           |        |       |           | 3_Tumour_ID |                     |           |                  |
|--------------|---------|-----------|--------|-------|-----------|-------------|---------------------|-----------|------------------|
| 1_Flag       | 13_Topo | 14_Morpho | 15_Beh | 7_Sex | DoI       | DoB         | Var_Name            | Var_Value | Error_Code       |
| 0            | C480    | 8841      | 3      | 1     | 31/1/2008 | /1/1944     | 14_Morpho<br>15_Beh | 8841<br>3 | E-MOBE<br>E-MOBE |

| 2_Patient_ID |         |           |        |       |           | 3_Tumour_ID |                     |           |                  |
|--------------|---------|-----------|--------|-------|-----------|-------------|---------------------|-----------|------------------|
| 1_Flag       | 13_Topo | 14_Morpho | 15_Beh | 7_Sex | DoI       | DoB         | Var_Name            | Var_Value | Error_Code       |
| 1            | C421    | 9950      | 1      | 1     | 15/6/1986 | /3/1927     | 14_Morpho<br>15_Beh | 9950<br>1 | E-MOBE<br>E-MOBE |



# Thanks!

Any questions/comments?

# **Using JRC-ENCR Quality Check Software:**

**checking TNM variables**

**JRC-ENCR training course**

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# Checking TNM variables

## TNM and Behaviour

| 2_Patient_ID |         |           |        |       |           | 3_Tumour_ID |                 |           |                  |
|--------------|---------|-----------|--------|-------|-----------|-------------|-----------------|-----------|------------------|
| 1_Flag       | 13_Topo | 14_Morpho | 15_Beh | 7_Sex | DoI       | DoB         | Var_Name        | Var_Value | Error_Code       |
| 0            | C629    | 9061      | 3      | 1     | 99/2/2011 | 99/9/1991   | 15_Beh<br>30_pT | 3<br>is   | W-BTNM<br>W-BTNM |

## TNM, topography and Stage

| 2_Patient_ID |         |           |        |       |           | 3_Tumour_ID |                                                                  |                                |                                                          |
|--------------|---------|-----------|--------|-------|-----------|-------------|------------------------------------------------------------------|--------------------------------|----------------------------------------------------------|
| 1_Flag       | 13_Topo | 14_Morpho | 15_Beh | 7_Sex | DoI       | DoB         | Var_Name                                                         | Var_Value                      | Error_Code                                               |
| 1            | C154    | 8070      | 3      | 1     | 17/7/2012 | /11/1946    | 37_TNM_edition<br>13_Topo<br>30_pT<br>31_pN<br>32_pM<br>36_Stage | 7<br>C154<br>4b<br>0<br>0<br>4 | W-TNMP<br>W-TNMP<br>W-TNMP<br>W-TNMP<br>W-TNMP<br>W-TNMP |



# Thanks!

Any questions/comments?