Luis de la O - Data status information

**Final Dicom Table**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column** | **Step** | **Variable** | **Type** | **Collected** |
| 1 | 0 | Px ID | Essential | Yes |
| 2 | 2 | ACCT | Essential | Yes |
| 3 | 2 | PET | Essential | Yes |
| 4 | 1 | Avg / MIP CT | Essential | Yes |
| 5 | 1 | ITV total | Optional | Yes |
| 6 | 1 | ITV tumor | Optional | Yes |
| 7 | 1 | ITV lymph nodes | Optional | Yes |
| 8 | 1 | GTV total | Optional | No |
| 9 | 1 | GTV tumor | Optional | No |
| 10 | 1 | GTV lymph nodes | Optional | No |
| 11 | 4 | T stage | Essential | No |
| 12 | 4 | N stage | Essential | No |
| 13 | 4 | M stage | Essential | No |
| 14 | 4 | Tumor Height | Essential | No |
| 15 | 4 | Tumor Side | Essential | No |
| 16 | 3 | 50% - 60% BP CT | Essential | No |
| 17 | 3 | 0% - 100% CT | Essential | No |
| 18 | 3 | 10% BP CT | Optional | No |
| 19 | 3 | 20% BP CT | Optional | No |
| 20 | 3 | 30% BP CT | Optional | No |
| 21 | 3 | 40% BP CT | Optional | No |
| 22 | 3 | 70% BP CT | Optional | No |
| 23 | 3 | 80% BP CT | Optional | No |
| 24 | 3 | 90% BP CT | Optional | No |

**Links:**

Row 2 and 3 have to be linked

Row 4 have to be linked with 5,6,7,8,9,10

**Steps to fill in the table:**

**Step 1**: Create a CSV with the following information

a.- Look for Avg CT and RT Structs

b.- Find the files that are linked between them.

c.- In the linked RT Structs,

Look for the labels ITVtotal, ITVtumor,ITVklieren (and its variations, specified bellow)

Look for the labels GTVtotal, GTVtumor,GTVklieren (and its variations, specified bellow)

**Step 2**: Create a CSV with the following information

a.- Look for PETs and ACCTs

b.- Link PET + ACCT

c.-Look for “Earl” or “E” in the file name, otherwise look where the study was made

**Step 3**: Create a CSV with the following information

a.- Look for all the breathing phases

**Step 4**.- Create a CSV with the following information

a.- Look for clinical information of TNM staging and tumor Height and Side.

**Step 5**.- Merge all CSV for all patients that don’t have an empty cell in the Essential Type Column

**Missing stuff to decide which patients need additional data collection**

How many / Which patients have a PET + ACCT collected but have other *Essential* paths missing?

How many / Which patients have a all *Essential* paths available except PET+ACCT?

**Final Nifti Table**

|  |  |  |
| --- | --- | --- |
| **Column** | **Variable** | **Collected** |
| 1 | Px ID | Yes |
| 2 | ACCT | Yes |
| 3 | PET | Yes |
| 4 | Avg / MIP CT | Yes |
| 5 | ITV total | Yes |
| 6 | ITV tumor | Yes |
| 7 | ITV lymph nodes | Yes |
| 8 | GTV total | No |
| 9 | GTV tumor | No |
| 10 | GTV lymph nodes | No |
| 11 | T stage | No |
| 12 | N stage | No |
| 13 | M stage | No |
| 14 | Tumor Height | No |
| 15 | Tumor Side | No |
| 16 | 50% - 60% BP CT | No |
| 17 | 0% - 100% CT | No |
| 18 | 10% BP CT | No |
| 19 | 20% BP CT | No |
| 20 | 30% BP CT | No |
| 21 | 40% BP CT | No |
| 22 | 70% BP CT | No |
| 23 | 80% BP CT | No |
| 24 | 90% BP CT | No |

If ITV total is empty, then ITVtumor has to be complete AND if N>0 then ITVnodule has to be present

If GTV total is empty, then GTVtumor has to be complete AND if N>0 then GTVnodule has to be present

ITV possible labels :

**tot\_labels**

ITV , IGTV , IgTV , ITV1 , ITV2 , ITV3 , ITV totaal def , 2ITV , ITV\_TOT , ITV\_6000 , ITV\_5100 , ITV\_Totaal , ITV\_LBK , ITV\_LOK

t**umor\_labels**

ITVtumor , ITV\_tumor , ITVtumor def , 2ITV\_tumor , ITV-P , ITVtumorA1 , ITV\_tumor\_LBK

**ln\_labels**

ITVklieren , ITV\_klier , ITV\_Klier , ITVklieren def , 2ITV\_klier , ITV\_n , ITV\_klier\_LBK