5y followup analysis

```
xls_path <- '../../data/Dataset 4th report 5Y - ONLY DPS.xlsx'
```

FU Stats

```
data_set %<>%
  .[, followup_2y :=
      !is.na(`2 YEAR VISIT - Date of visit`) |
      !is.na(`3 YEAR VISIT - Date of visit`)] %>%
  .[, followup_5y :=
      !is.na(`5 YEAR VISIT - Date of visit`) |
      !is.na(`6 YEAR VISIT - Date of visit`)]

followup_2y_all <- data_set %>%
  .[`st1. Date of Stage` %>% as.Date() < as.Date('2019-6-1')] %>%
  .[, `Code of the patient` %>% uniqueN]

followup_2y <- data_set %>%
  .[followup_2y==TRUE] %>%
  .[`st1. Date of Stage` %>% as.Date() < as.Date('2019-6-1')] %>%
  .[, `Code of the patient` %>% uniqueN]

followup_5y_all <- data_set %>%
  .[`st1. Date of Stage` %>% as.Date() < as.Date('2016-6-1')] %>%
  .[, `Code of the patient` %>% uniqueN]

followup_5y <- data_set %>%
  .[followup_5y==TRUE] %>%
  .[`st1. Date of Stage` %>% as.Date() < as.Date('2016-6-1')] %>%
  .[, `Code of the patient` %>% uniqueN]

total <- data_set[, .N]
total_with_followup_2y <- data_set[followup_2y==TRUE, .N]
perc_followup_2y <- round(followup_2y/total, 3)
perc_followup_5y <- round(followup_5y/total, 3)
perc_followup_5y_with_2y <- round(followup_5y/total_with_followup_2y, 3)
```

- Patients with at least 5 year from intervention (total variable): 633
- Patients with 1st stage date before '2019-1-1': 463
- Patients with 1st stage date before '2019-1-1' and 2YFU: 403
- Patients with 2yFU %: 87
- Patients with 1st stage date before '2016-1-1': 290

- Patients with 1st stage date before '2016-1-1' and 5YFU: 200
- Patients with 5yFU %: 69

Filters

```
# discarded_patients <- readLines('five_years/discarded_patients')

data_set %<>%
  .[followup_2y==TRUE] %>%
  .[`st1. Date of Stage` %>% as.Date() < as.Date('2016-6-1')]
```

Total patients: 260

MCIDS

```
$`5Y. ODI - Score (%)`
[1] 12.8

$`5Y. SRS22 - SRS Subtotal score`
[1] 0.43

$`5Y. SF36 - PCS`
[1] 4.9
```

```
                   variable inc_2y_percent inc_2y_n inc_5y_percent inc_5y_n
1            ODI - Score (%)           45.2      241           43.8      176
2 SRS22 - SRS Subtotal score           61.5      244           56.1      180
3                 SF36 - PCS           53.6      239           54.5      176
  p_val_two_previous inc_5y_2y_percent inc_5y_2y_n
1              0.841              12.8         187
2              0.312              18.7         187
3              0.920              21.1         185
```

PASS

```
$`5Y. ODI - Score (%)`
[1] 18

$`5Y. SRS22 - SRS Subtotal score`
[1] 3.5
```

```
                   variable prop_2y n_2y prop_5y n_5y p_val
1            ODI - Score (%)    34.9  255    35.8  255  0.92
2 SRS22 - SRS Subtotal score    49.0  255    49.5  255  1.00
```