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: 633

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 (%)	47.1	401	45.4	205
2	SRS22 - SRS Subtotal score	62.5	408	58.6	210
3	SF36 - PCS	52.4	393	54.2	201

	p_val_two_previous	inc_5y_2y_percent	inc_5y_2y_n
1	0.744	12.3	211
2	0.389	18.1	210
3	0.740	19.6	204

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 (%)	33.3	423	36.1	423	0.545
2	SRS22 - SRS Subtotal score	47.8	423	49.5	423	0.728