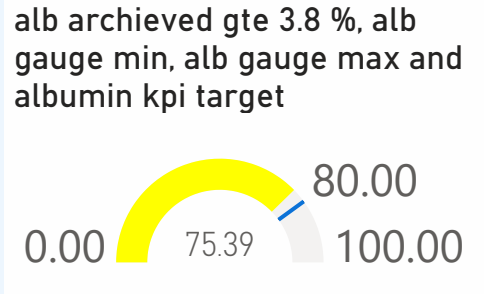


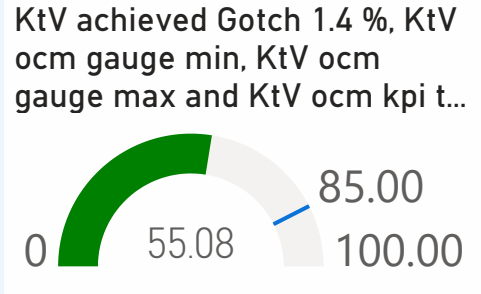
12.11

CVC count %



75.39

alb archieved ...



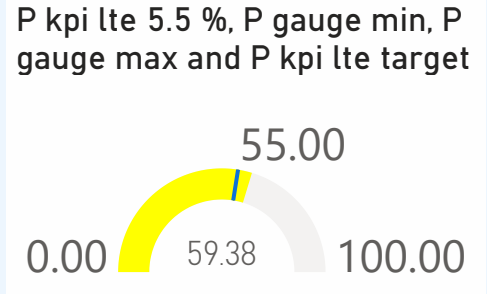
86.33

KtV achieved D...



50.00

PreBpsys lte 150 %



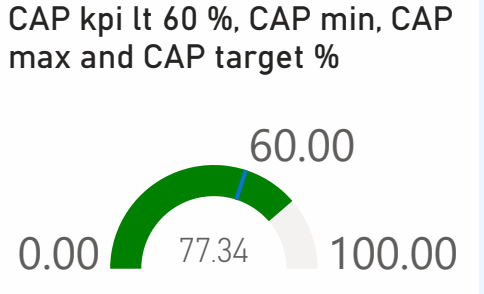
59.38

P kpi lte 5.5 %



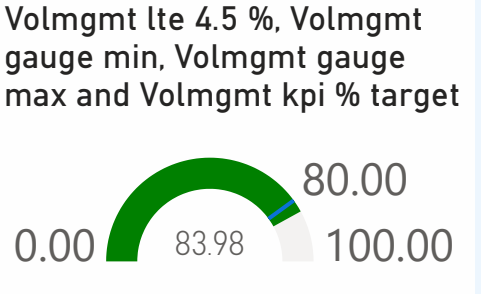
80.08

Hb kpi gte 10 %



77.34

CAP kpi lt 60 %



83.98

Volmgmt lte 4.5 %

## KPIs performance of St Paul Hospital FMCT and BCM data

MONTH	CVC count %	alb archieved gte 3.8 %	Hb kpi gte 10 %	KtV achieved Daugirdus 1.4 %	PreBpsys lte 150 %	Volmgmt lte 4.5 %	P kpi lte 5.5 %	CAP kpi lt 60 %
Jan	12.11	75.39	80.08	86.33	50.00	83.98	59.38	77.34
Feb	12.40	72.48	79.46	85.27	48.06	78.68	58.53	77.52
Mar	10.28	71.15	76.68	84.58	62.85	77.87	62.85	81.42
Total	11.60	73.01	78.75	85.40	53.59	80.18	60.23	78.75

# Exploratory data analysis on St Paul Hospital FMCT and BCM data focusing

## 1. on Hemodynamics presystolic blood pressure

MONTH

Mar

性別

☐ Female☐ Male

AHTN Score Code

☐ AHTN = 0.5☐ AHTN = 1.0☐ AHTN = 1.5

PreBpsys\_code

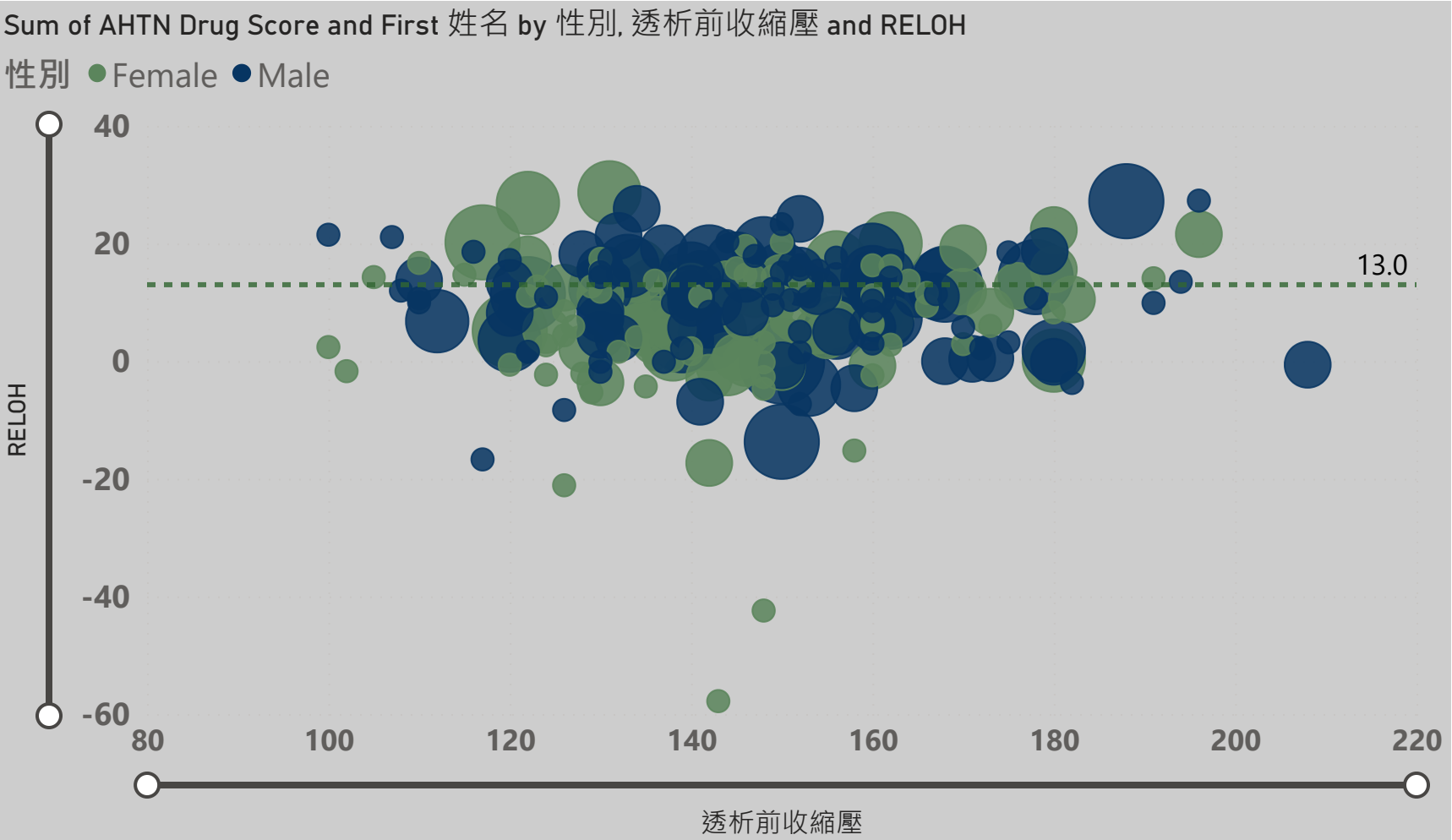
☐ 0☐ 1

ReOH\_code

All

23

PreBpsys fail kp...



姓名	RELOH	透析前收縮壓	AHTN Score
于廖月香	11.9	139	1.50
伍瑞隆	8.5	160	0.00
何秀雀	26.9	122	1.00
余周香蘭	12.8	176	0.50
余福龍	-1.8	130	0.00
余進何	16.3	152	0.00
余進賢	14.8	156	0.00
侯保良	11.4	140	0.50
劉思玉	16.8	156	1.00
劉新清	11.1	136	1.50
劉杰松	5.0	152	0.00
劉淑娟	1.2	140	0.00
劉慧珍	2.4	136	0.50

# Exploratory data analysis on St Paul Hospital FMCT and BCM data focusing

## 1. on Vascular Access Status

MONTH

All

性別

Female

VA\_Code

☐ VA\_Code = AVF

☐ VA\_Code = AVG

☐ VA\_Code = CVC

278.93

Ave Qb by VA (ml/...

17.46

CVC count %

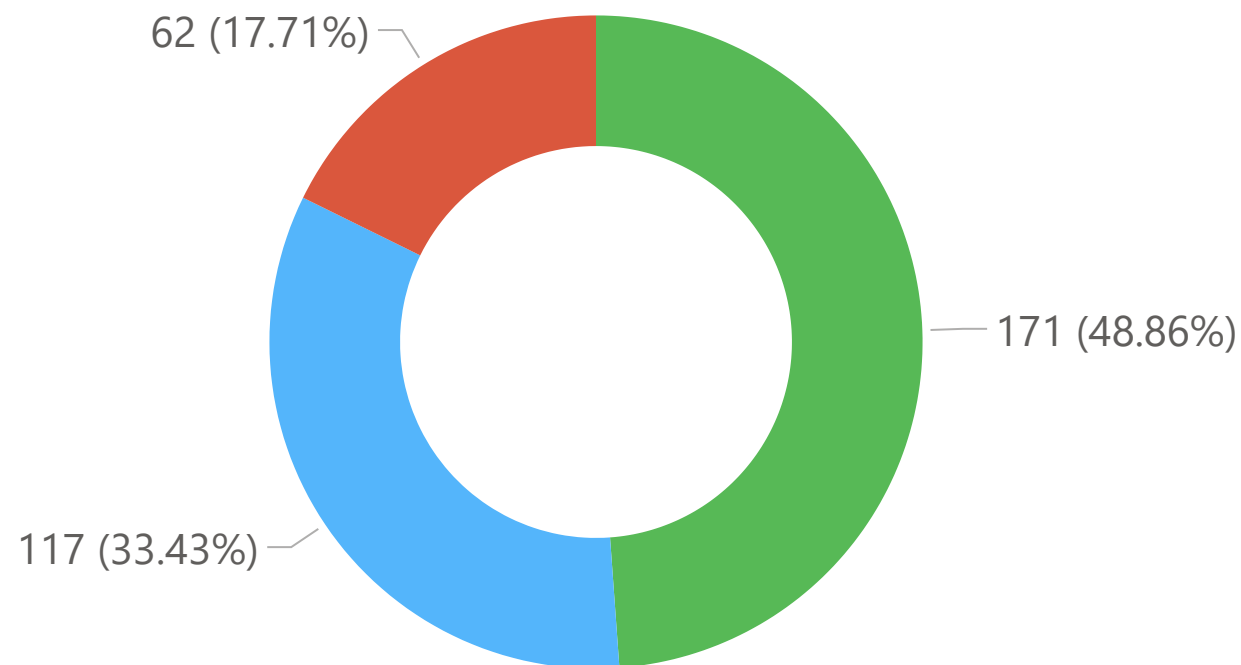
62

CVC count

姓名	MONTH	當月檢驗血管通路	血液流速
于廖月香	Jan	AVF	250
于廖月香	Feb	AVF	250
于廖月香	Mar		250
何秀雀	Jan	AVG	280
何秀雀	Feb	AVG	280
何秀雀	Mar	AVG	280
余周香蘭	Jan	AVF	250
余周香蘭	Feb	AVF	250
余周香蘭	Mar	AVF	250
劉思玉	Jan	AVF	300
劉思玉	Feb	AVF	300
劉思玉	Mar	AVF	300

Count of 當月檢驗血管通路 by 當月檢驗血管通路

當月檢驗血管通路 ● AVF ● AVG ● CVC



# Exploratory data analysis on St Paul Hospital FMCT and BCM data focusing

## 1. on Dialysis Adequacy Kt/V

MONTH  
Jan

性別  
All

VA\_Code  
☐ VA\_Code = AVF  
☐ VA\_Code = AVG  
☐ VA\_Code = CVC

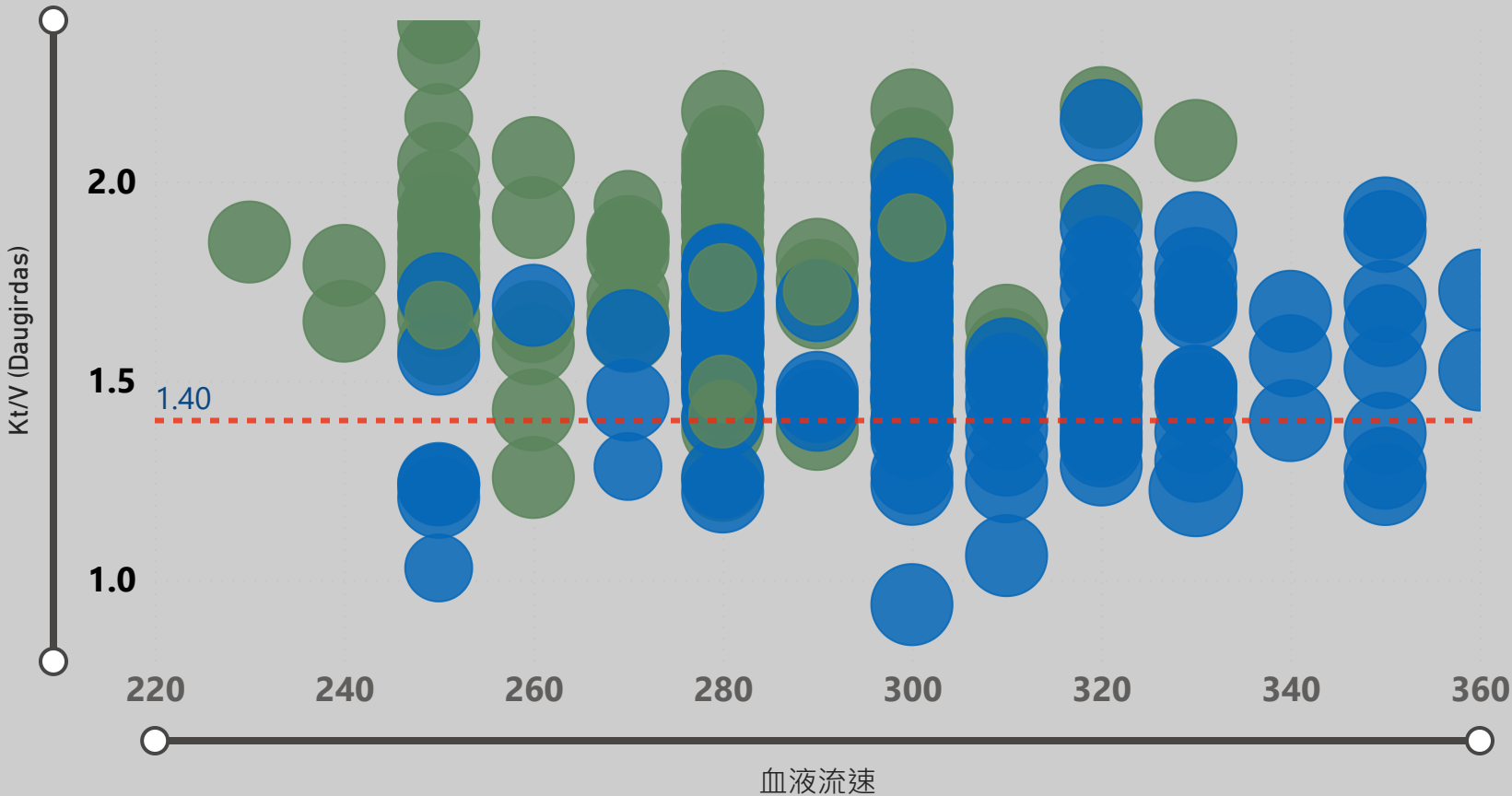
KtV\_Code  
☐ Kt/V < 1.0  
☐ Kt/V < 1.4  
☐ Kt/V < 1.8

292.54  
Ave Qb by VA (ml...

34  
KtV fail Daugird...

Average of 每週次數, First 姓名 and First 當月檢驗血管通路 by 性別, 血液流速 and Kt/V (Daugirdas)

性別 ● Female ● Male



姓名	每週次數	血液流速	Kt/V (Daugirdas)
於鄧月嬌	3	250	
林冠廷	3	300	0.94
蘇登郎	2	250	1.03
蔡仁智	3	310	1.06
謝明翰	3	250	1.21
游清朝	3	280	1.22
劉杰松	4	330	1.23
劉登順	3	250	1.24
謝永發	3	350	1.24
吳昭明	3	300	1.24
黃榮堂	3	250	1.24
周笠綸	3	310	1.25

# Exploratory data analysis on St Paul Hospital FMCT and BCM data focusing

## 1. on KPI Albumin

**MONTH**

Jan

**性別**

All

**Alb\_Code**

☐ Alb\_Code < 3.8

☐ Alb\_Code <= 3.5

☐ Alb\_Code >= 3.8

**A1c\_Code**

All

**Diabetes**

☐ No

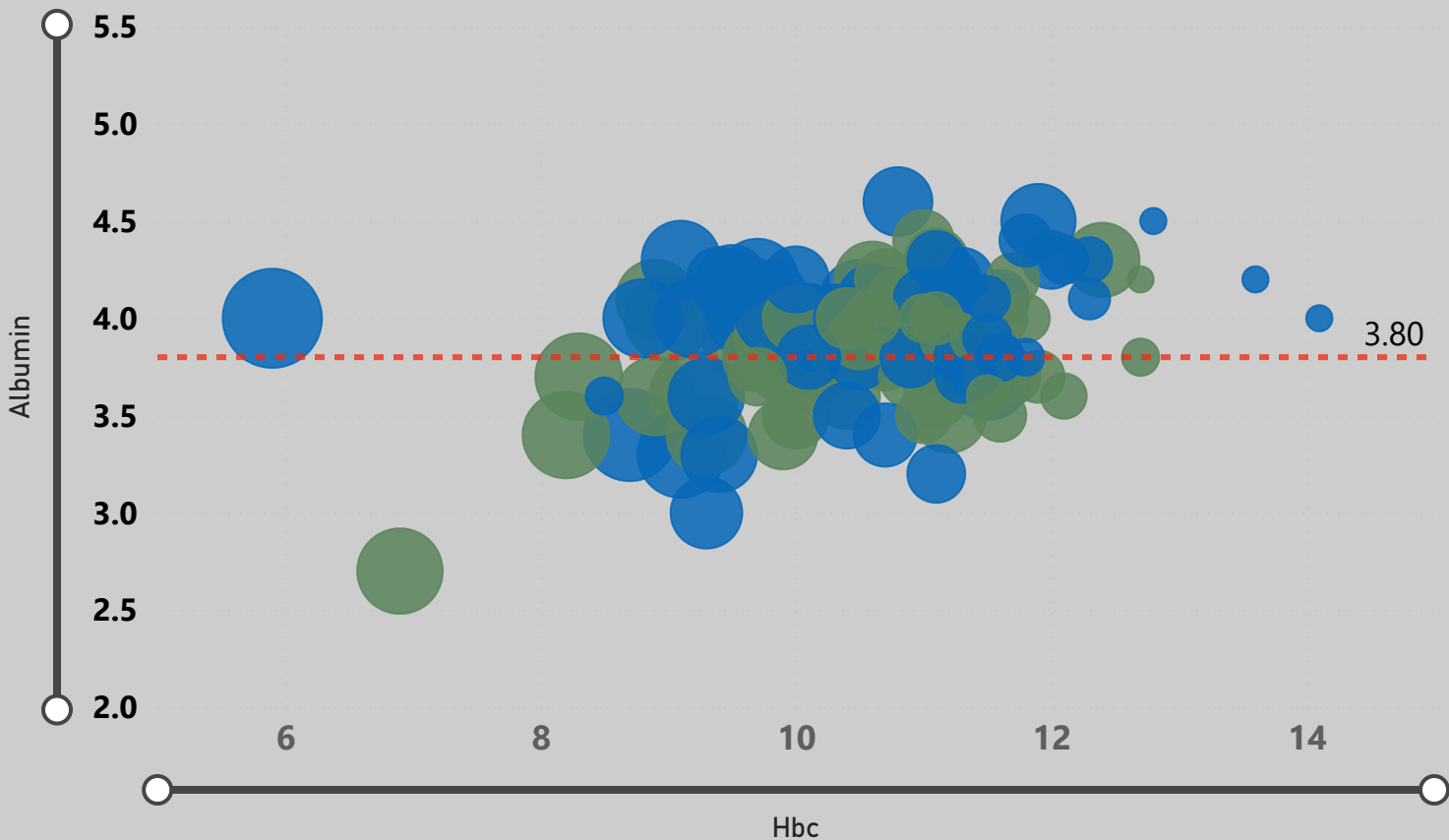
☒ Yes

35

albumin fail kpi 3.8 ...

Average of EPO劑量, First 姓名 and First 性別 by 性別, Hbc and Albumin

性別 ● Female ● Male



姓名	Albumin	Kt/V (Gotch)	Vol changed %	HBA1c
余周香蘭	4.10	1.47	4.91	6.90
余進何	3.40	1.52	3.52	5.70
余進賢	3.80	1.61	2.67	5.60
劉思玉	4.00	1.24	3.40	0.00
劉杰松	4.20	1.02	3.98	6.70
劉瑛珠	3.90	1.64	2.20	5.80
劉登順	4.00	1.08	2.28	0.00
卓劉月	3.50	1.59	2.37	5.90
古秀妹	4.10	1.63	3.98	8.30
吳定憲	4.50	1.21	5.00	0.00
吳文達	4.10	1.27	2.43	7.10
呂烈士	3.60	1.40	2.70	6.00

# Exploratory data analysis on St Paul Hospital FMCT and BCM data focusing

## 1. on KPI Hemoglobin

MONTH

Mar

性別

All

Ret\_Hb\_Code

All

TSAT\_Code

☐ TSAT < 10  
☐ TSAT < 25  
☐ TSAT < 50

Hbc\_Code

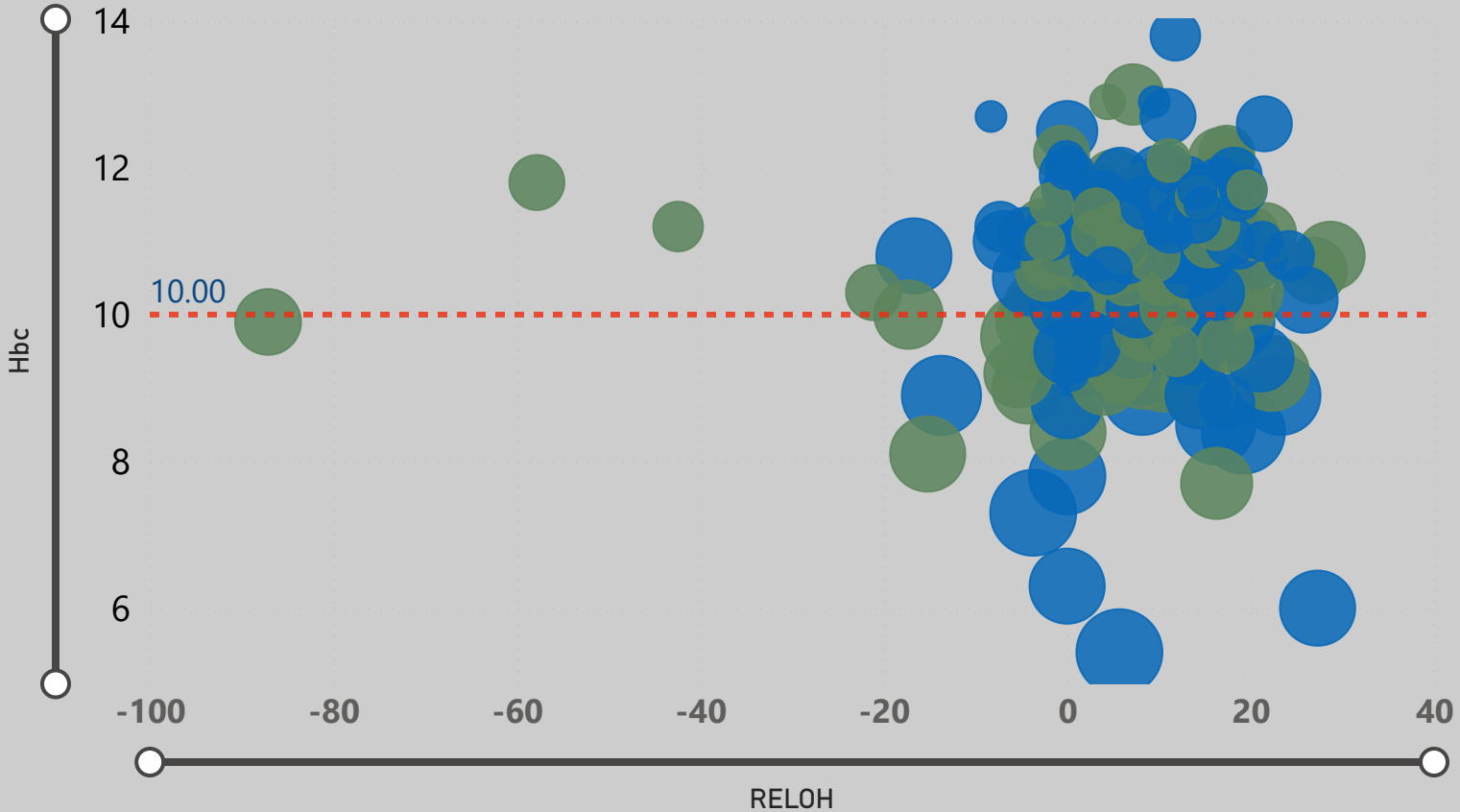
All

57

Hbc fail kpi count

Average of EPO劑量, First 姓名 and First 性別 by 性別, RELOH and Hbc

性別 ● Female ● Male



姓名	Hbc	EPO劑量	Current IV Iron	RELOH
于廖月香	9.50	2791	25	11.9
伍瑞隆	11.50	2791	12	8.5
何秀雀	10.60	5581	0	26.9
余周香蘭	10.60	4651	50	12.8
余福龍	11.10	3256	50	-1.8
余進何	10.30	3721	25	16.3
余進賢	9.70	5116	50	14.8
侯保良	11.10	4186	12	11.4
劉思玉	12.10	5581	50	16.8
劉新清	10.70	5116	25	11.1
劉杰松	13.10		0	5.0
劉淑娟	11.30	3721	25	1.2

# Exploratory data analysis on St Paul Hospital FMCT and BCM data focusing

## 1. on KPI Mineral Bone Disorder

**MONTH** ▼

Feb ▼

**性別** ▼

All ▼

**P\_Code** ▼

All ▼

**PTH** ▼

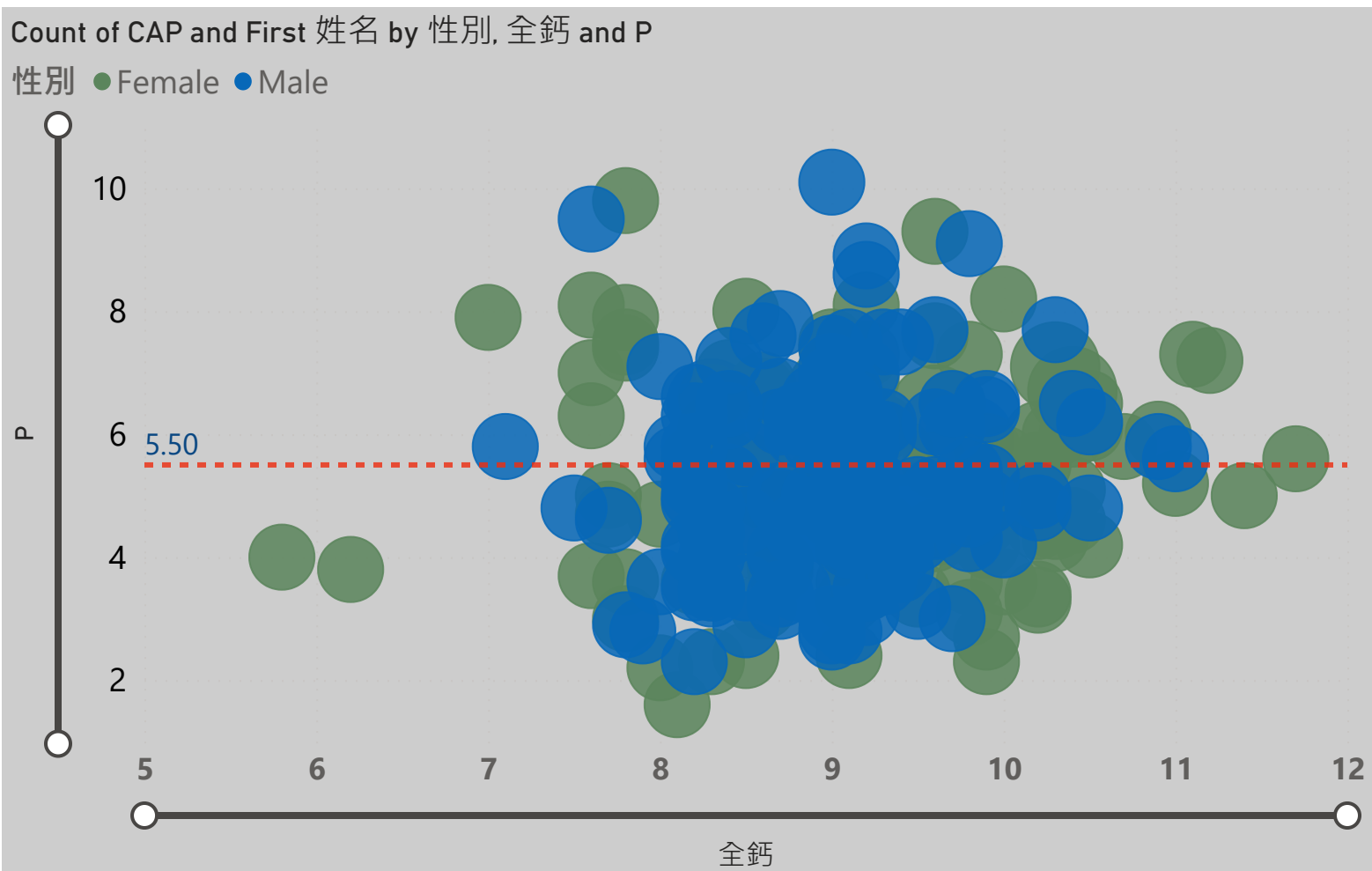
All ▼

**107**

P fail kpi lte 5.5 c...

**58**

CAP gt 60 count



姓名	P	全鈣	CAP	iPTH	HBA1c
陳豐志	10.10	9.00	90.90	497.0	0.00
於鄧月嬌	9.30	9.60	89.28	51.7	8.60
李錦濤	9.10	9.80	89.18	67.1	6.80
蔡斐萍	8.20	10.00	82.00	89.7	8.90
車學俊	8.90	9.20	81.88	373.0	6.90
趙黃秀珍	7.30	11.10	81.03	1,097.0	6.30
林瑞枝	7.20	11.20	80.64	324.0	0.00
黃勝堯	7.70	10.30	79.31	350.0	6.50
王吉豐	8.60	9.20	79.12	298.0	7.60
陳怡樺	9.80	7.80	76.44	256.0	0.00
蔡美惠	8.10	9.20	74.52	147.0	7.20
林培金	7.70	9.60	73.92	28.2	6.40
林玉芷	7.10	10.30	73.13	837.0	0.00



Patient Month Year

于廖月香Feb-2023

于廖月香Jan-2023

于廖月香Mar-2023

伍瑞隆Feb-2023

伍瑞隆Jan-2023

伍瑞隆Mar-2023

何秀雀Feb-2023

何秀雀Jan-2023

何秀雀Mar-2023

余周香蘭Feb-2023

余周香蘭Jan-2023

余周香蘭Mar-2023

余福龍Feb-2023

余福龍Jan-2023

余福龍Mar-2023

余進何Feb-2023

余進何Jan-2023

余進何Mar-2023

余進賢Feb-2023

余進賢Jan-2023



Year	Quarter	Month	Day	Albumin
2023	Qtr 1	January	2	2.70
2023	Qtr 1	January	2	3.00
2023	Qtr 1	January	2	3.30
2023	Qtr 1	January	2	3.50
2023	Qtr 1	January	2	3.60
2023	Qtr 1	January	2	3.70
2023	Qtr 1	January	2	3.90
2023	Qtr 1	January	2	4.00
2023	Qtr 1	January	2	4.20
2023	Qtr 1	January	3	3.40
2023	Qtr 1	January	3	3.50
2023	Qtr 1	January	3	3.60
2023	Qtr 1	January	3	3.80
2023	Qtr 1	January	3	3.90

MONTH													▼
Jan				Feb					Mar				

姓名 ▲	Albumin	透析前 BUN	Creatinine	Average of Hbc	Average of K	Average of 全鈣	P	Average of CAP	當月檢驗 血管通路	血液流 速	透析前收 縮壓	Vol changed %	^
于廖月香	3.30	58	9.08	10.10	3.80	9.60	4.40	42.24	AVF	250	146	5.91	
伍瑞隆	4.10	84	10.08	11.50	4.40	8.30	4.80	39.84	AVF	300	150	5.37	
何秀雀	3.60	68	8.97	11.20	4.70	7.60	3.70	28.12	AVG	280	150	3.30	
余周香蘭	3.90	91	8.27	10.30	6.50	9.30	4.50	41.85	AVF	250	124	4.06	
余福龍	3.60	68	10.60	11.60	4.40	9.00	3.00	27.00	AVF	290	160	2.34	
余進何	3.40	44	9.40	10.60	3.30	8.20	3.50	28.70	AVF	280	156	3.69	
余進賢	3.70	61	9.90	11.00	4.60	9.00	2.80	25.20	AVF	330	134	0.31	
侯保良	4.10	78	10.37	10.80	5.50	8.80	3.50	30.80	AVF	350	140	4.50	
劉思玉	3.90	49	9.24	10.50	3.90	9.70	6.50	63.05	AVF	300	154	3.49	
劉新清	4.30	99	12.09	11.50	4.60	8.50	5.70	48.45	AVF	310	130	2.53	
劉杰松	4.40	79	11.98	14.40	4.80	7.60	9.50	72.20	AVF	330	162	3.77	
劉淑娟	4.30	84	11.21	10.20	5.00	8.70	6.20	53.94	AVF	300	157	5.07	
劉瑛珠	4.00	72	6.69	11.30	3.50	9.30	4.10	38.13	AVF	250	150	1.76	
劉登順	3.80	107	12.92	8.30	5.90	8.30	4.00	33.20	CVC	250	178	4.24	
劉莉蘭	4.00	79	10.57	12.60	4.20	10.20	5.50	56.10	AVF	310	150	0.79	
劉麗菁	4.20	81	10.10	11.00	4.70	9.60	5.50	52.80	AVF	280	177	3.25	
卓劉月	3.00	41	7.85	9.90	4.00	7.70	5.00	38.50	CVC	270	133	2.66	
古秀妹	4.00	107	8.78	8.60	5.60	10.40	6.70	69.68	AVF	320	165	4.09	
Average				10.77	4.75	9.10		48.31					▼