

A Clinical Survey on Satisfaction of Pain Management in Patients with Cancer in Taiwan

For OPD and IPD Patients

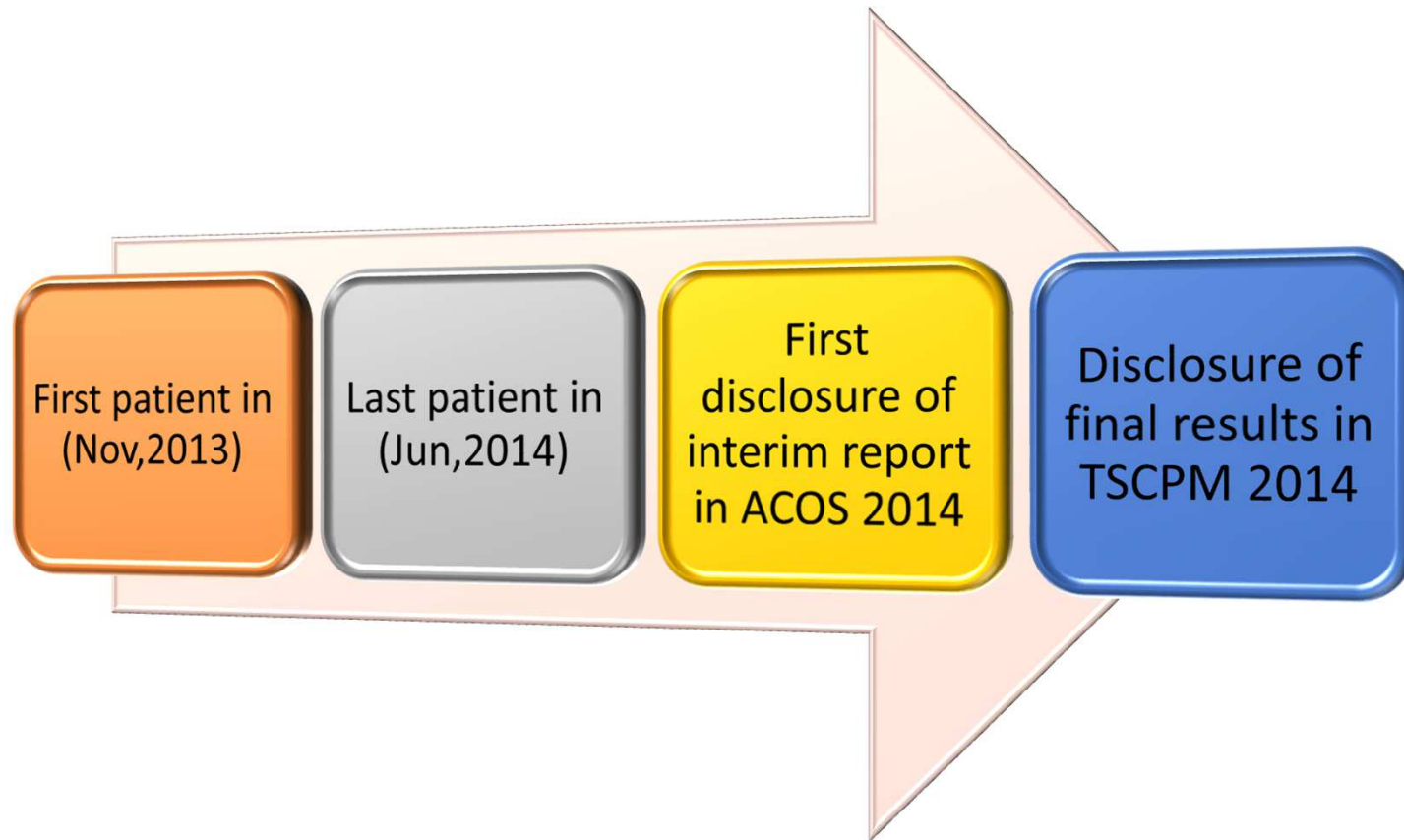
台灣癌症病患之疼痛管理滿意度調查

9th Nov 2014

Background

- Taiwan Cancer Pain Surveys had been conducted by Taiwan Society of Cancer Palliative Medicine for four times in 2001, 2005, 2009, and 2013 respectively
- The primary objective is to explore pain management satisfaction in patients with cancer in Taiwan. Information of QOL and medication are also collected.

Chronicles of Pain Survey



Patient Disposition of Site

Clinical Center	OPD patients		IPD patients	
	Number	Percent (%)	Number	Percent (%)
Eligible	N=2652		N=637	
嘉義長庚醫院	286	10.78%	14	2.20%
林口長庚醫院	286	10.78%	15	2.35%
成功大學附設醫院	198	7.47%	2	0.31%
義大醫院	8	0.30%	30	4.71%
臺大醫院	300	11.31%	0	0.00%
台中榮民總醫院	59	2.22%	14	2.20%
台北馬偕紀念醫院	183	6.90%	17	2.67%
台北榮民總醫院	277	10.44%	23	3.61%
國泰綜合醫院	254	9.58%	46	7.22%
高雄長庚醫院	252	9.50%	46	7.22%
中國醫藥大學附設醫院	143	5.39%	56	8.79%
彰化基督教醫院	5	0.19%	196	30.77%
中山醫學大學附設醫院	101	3.81%	48	7.54%
嘉義基督教醫院	71	2.68%	86	13.50%
高雄榮民總醫院	35	1.32%	40	6.28%
高雄醫學大學附設醫院	194	7.32%	4	0.63%

Outline

- Demography
- Questionnaire

demography

Patient Demography

	OPD patients		IPD patients	
	Number	Percent (%)	Number	Percent (%)
Outpatient Department	N= 2652			
Initial Visit	30	1.13%		
Follow-Up Visit	2621	98.83%		
Inpatient Department			N=637	
Days of Inpatient			637	Mean (SD) 7.28 (12.24)
				Median 3.00
				(Min,Max) (1.0 ,145.0)
Gender	N=2652		N= 637	
Male	1483	55.92%	408	64.05%
Female	1169	44.08%	229	35.95%
Age	N=2652		N= 637	
Mean	57.56±12.3		55.13±12.6	
Median	58.0		56.0	

Patient Demography – Cancer Category

	OPD patients		IPD patients	
	Number	Percent (%)	Number	Percent (%)
Cancer Category	N=2652		N=637	
Gastrointestinal Neoplasms Malignant And Unspecified	630	23.76%	174	27.32%
Head & Neck	549	20.70%	159	24.96%
Breast Neoplasms Malignant And Unspecified (Incl Nipple)	499	18.82%	35	5.49%
Lymphomas*	277	10.44%	76	11.93%
Respiratory And Mediastinal Neoplasms Malignant And Unspecified	205	7.73%	50	7.85%
Hepatobiliary Neoplasms Malignant And Unspecified	181	6.83%	27	4.24%
Leukaemias	114	4.30%	40	6.28%
Other	197	7.43%	76	11.93%

Lymphomas*: Lymphomas Nec, Plasma Cell Neoplasms, Lymphomas Non-Hodgkin's B-Cell, Lymphomas Non-Hodgkin's Unspecified Histology and Lymphomas Hodgkin's Disease.

Patient Demography – Status of Disease

	OPD patients		IPD patients	
	Number	Percent (%)	Number	Percent (%)
Status of Disease	N= 2652		N= 637	
Stable or Static Disease	901	33.97%	159	24.96%
No Evidence of Disease	659	24.85%	23	3.61%
Partial Response	433	16.33%	110	17.27%
Progression of Disease	375	14.14%	185	29.04%
Not yet Assessment	284	10.71%	160	25.12%

Patient Demography – Relationship between Pain and Disease

	OPD patients		IPD patients	
	Number	Percent (%)	Number	Percent (%)
Relationship between Pain and Disease by Physicians' Assessment	N= 2652		N= 637	
No Pain	993	37.44%	74	11.62%
With Pain		66.58%		97.49%
-Cancer-Related ^a	1002	37.78%	365	57.30%
-Non Cancer-Related ^a	535	20.17%	84	13.19%
-Cancer Treatment Related ^a	229	8.63%	172	27.00%

a: 9.76% of patients reported at least two causes of pain.

Patient Demography – Metastasis site

	OPD patients		IPD patients	
	Number	Percent (%)	Number	Percent (%)
Cancer Metastasis	N= 2652		N= 637	
<u>No</u>	1442	54.37%	233	36.58%
<u>Yes^a</u>	1210	45.63%	404	63.42%
Lymph	440	36.36% ^b	184	45.54% ^b
Bone/Bone Marrow	323	26.69% ^b	84	20.79% ^b
Liver	300	24.79% ^b	99	24.50% ^b
Lung	296	24.46% ^b	83	20.54% ^b
Brain	70	5.79% ^b	17	4.21% ^b
Soft Tissue	55	4.55% ^b	40	9.90% ^b
Other Site	200	16.53% ^b	83	20.54% ^b

**a: Patients reported at
least one metastasis site.** DUT-TWN-MA2013

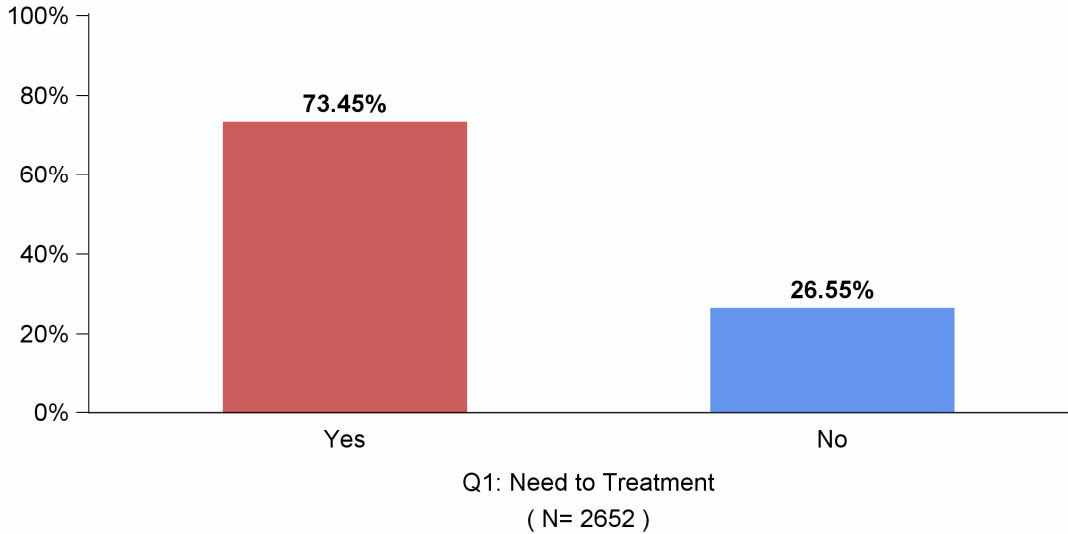
**b: The proportion was calculated
based on total number of patient
with cancer metastasis.**

Questionnaire

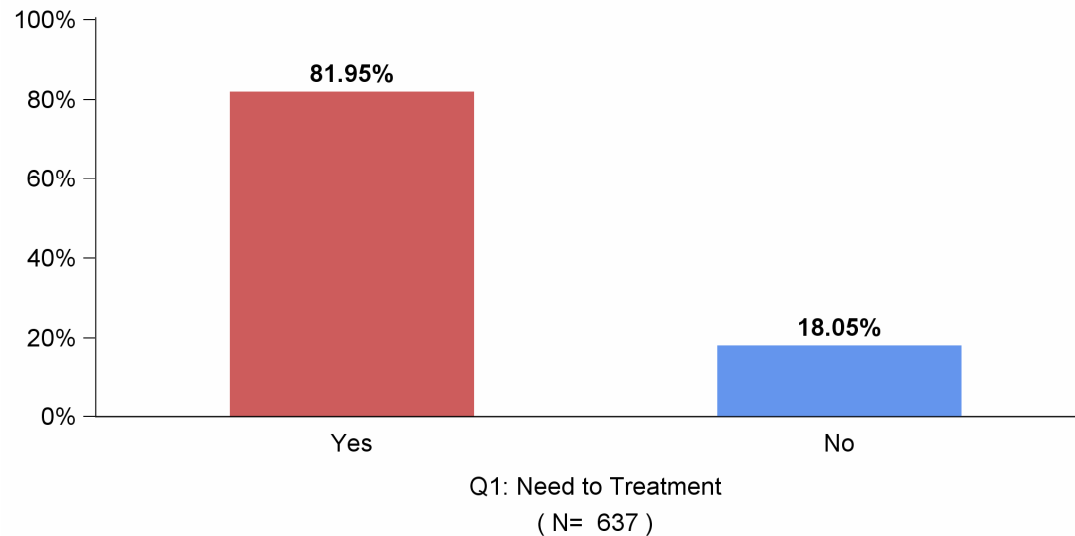
Q1: Need to Treatment

在您生病期間，您是否需要治療以減輕您的疼痛？

**OPD
Patients**



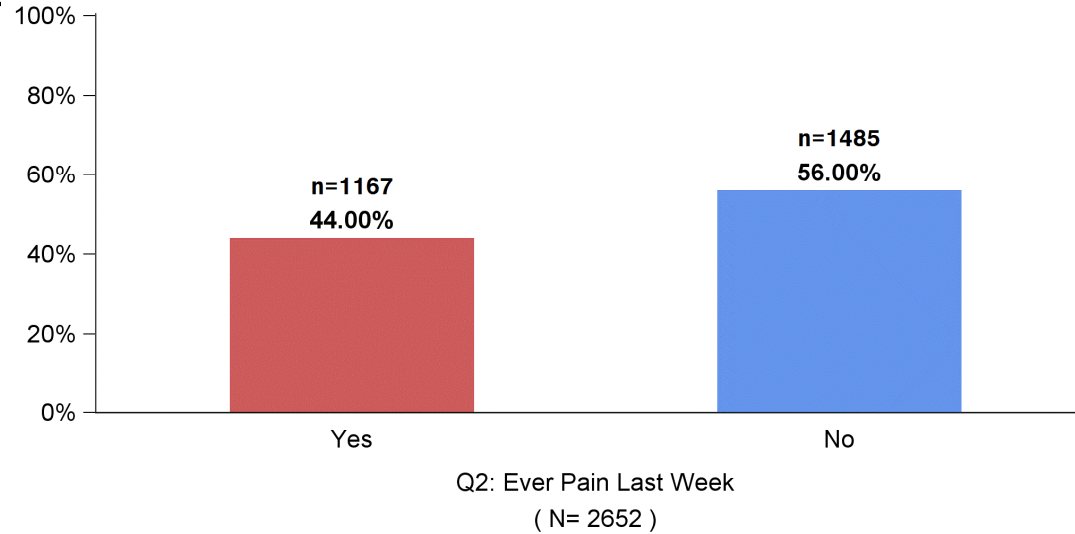
**IPD
Patients**



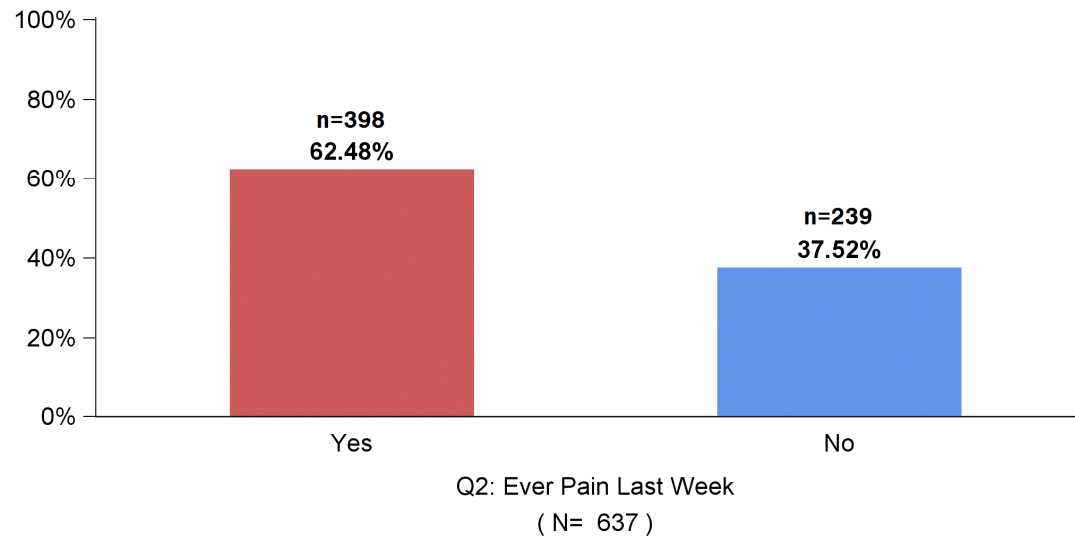
Q2: Ever Pain Last Week

在過去一星期內，您是否曾感到疼痛？

OPD
Patients



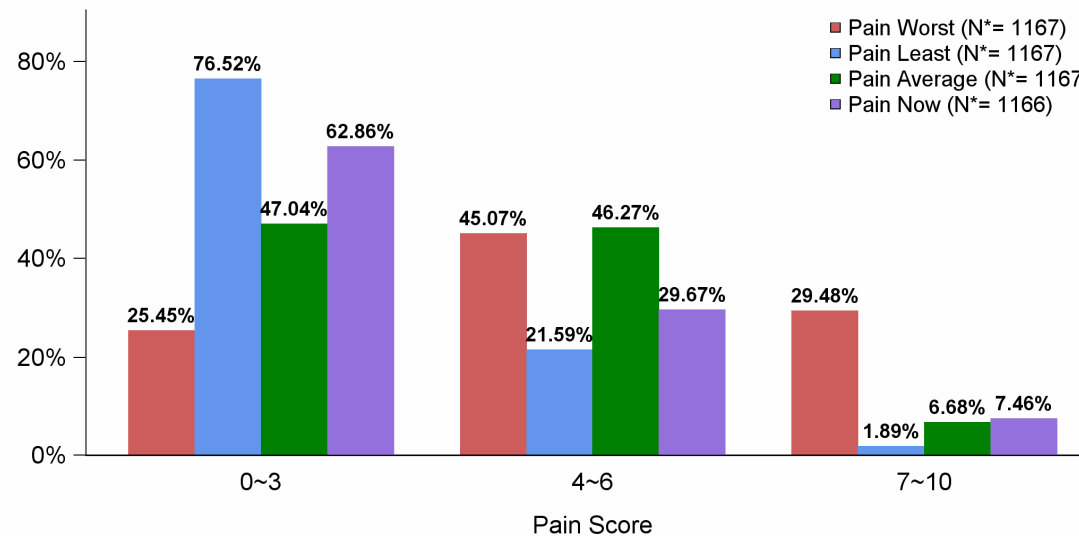
IPD
Patients



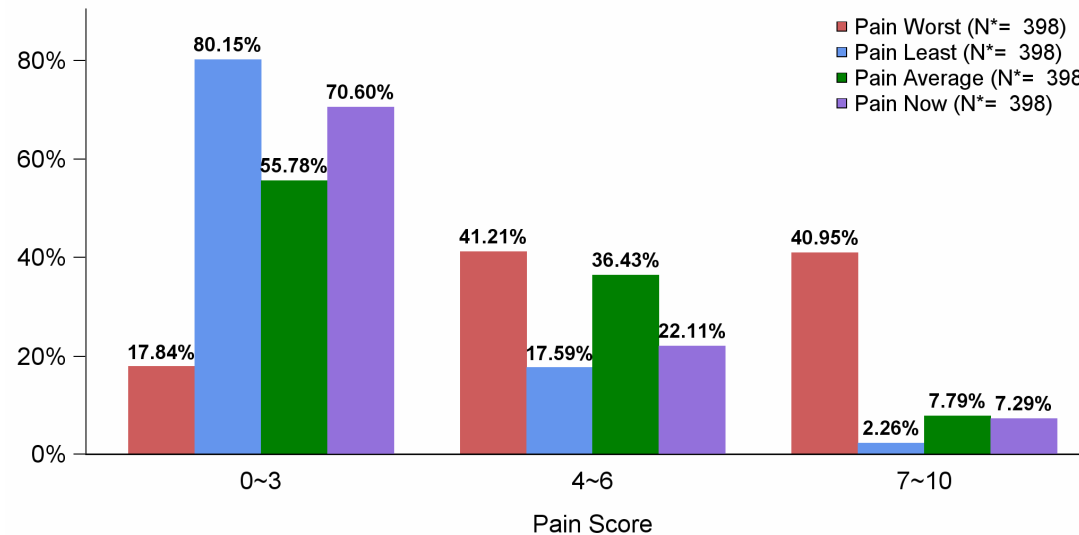
Q3-6: Pain Scores within last week and Now

在過去一星期內，您疼痛最痛/最輕/平均與現在的疼痛程度。

OPD Patients



IPD Patients

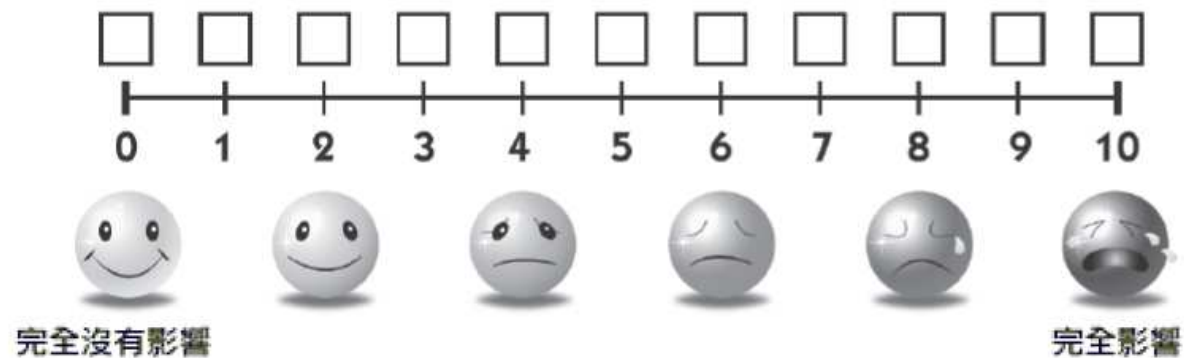


Pain Score:
0=沒有疼痛;10=劇烈疼痛

N*: patient with pain within last week (Q2:Yes)

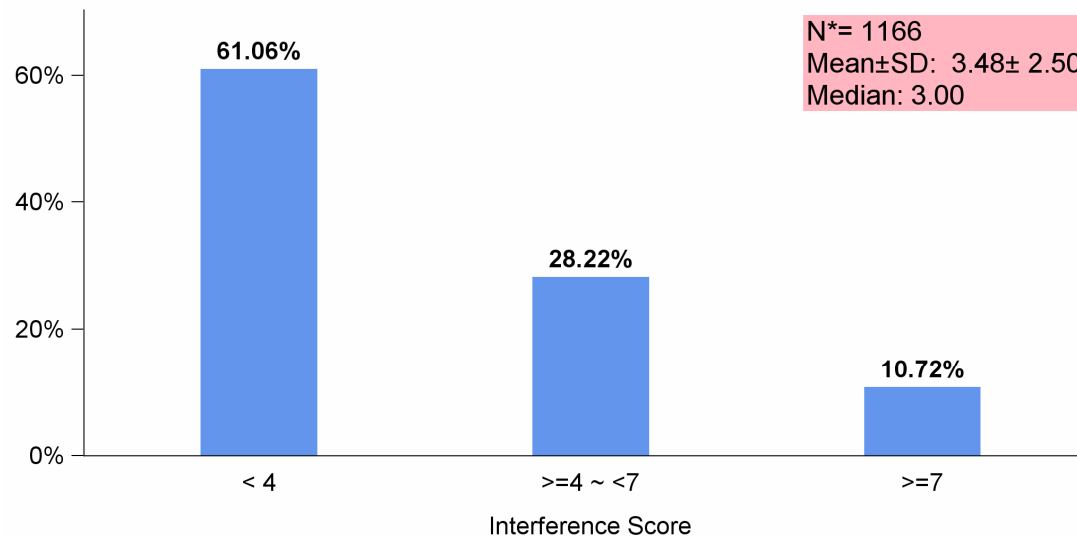
Q7 請勾出一個數字以表示你在過去一星期內受疼痛影響的程度

- a. 一般活動
- b. 情緒
- c. 行走能力
- d. 日常工作(含外出工作與家事)
- e. 人際關係
- f. 睡眠
- g. 生活樂趣

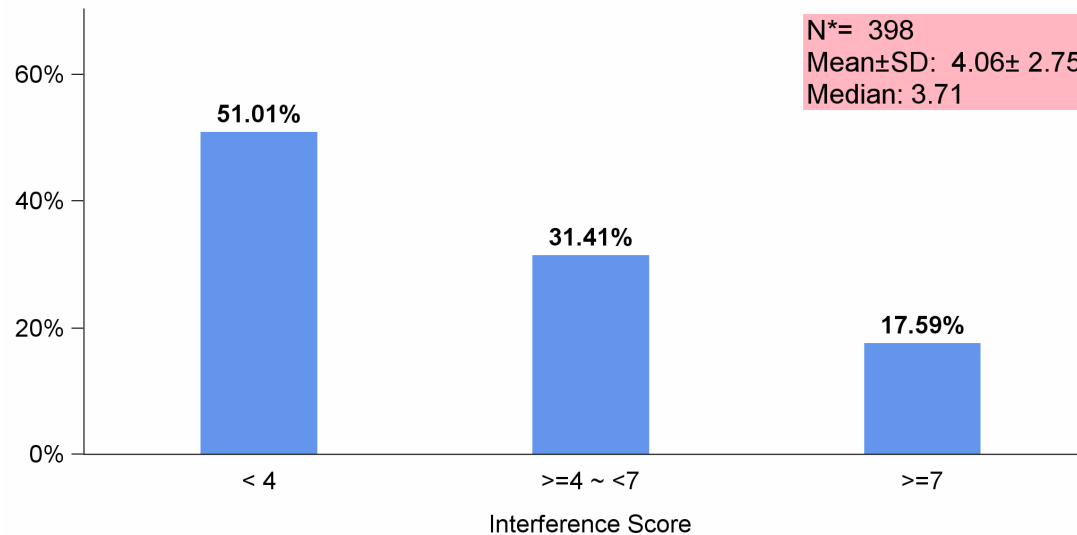


Overall Interference 受疼痛影響的程度 (Q7 Average Score)

OPD
Patients



IPD
Patients



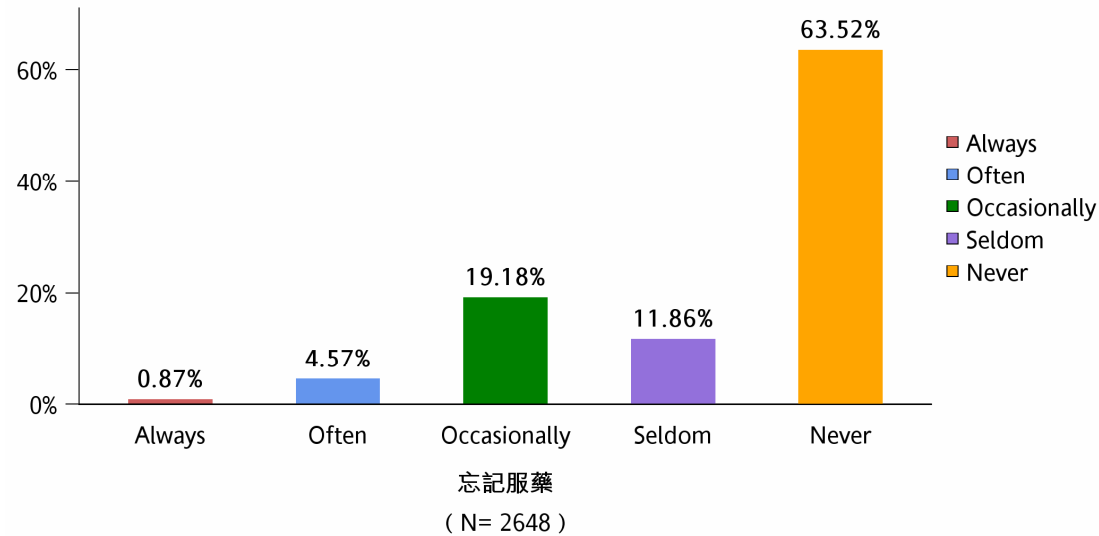
Interference Score:
0=完全沒有影響;
10=完全影響

N*: patient with
pain within last
week (Q2:Yes)

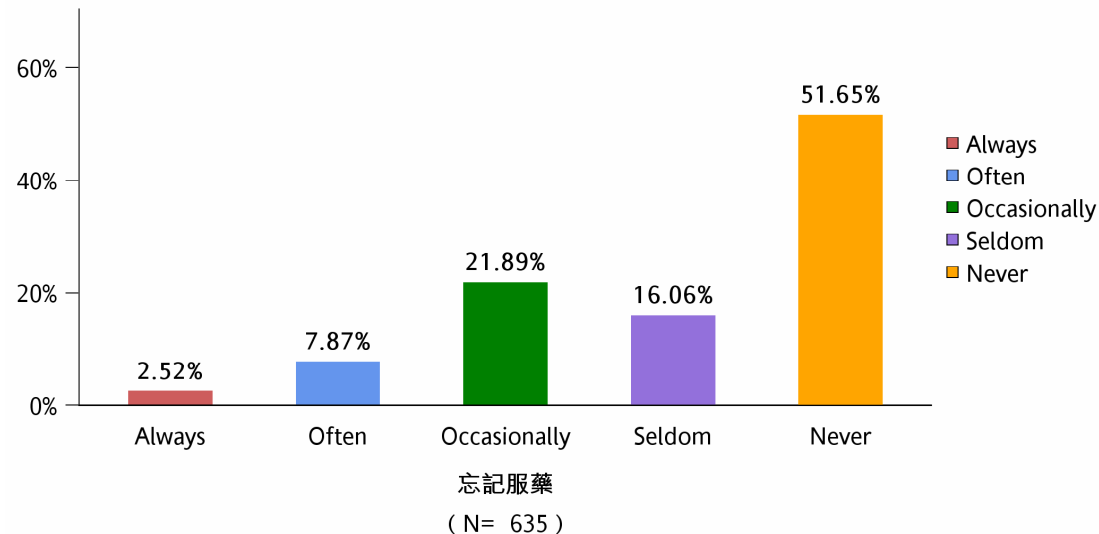
Q8: Have you ever forgot to take Analgesic?

您是否曾經忘記服用止痛藥物嗎？

OPD Patients



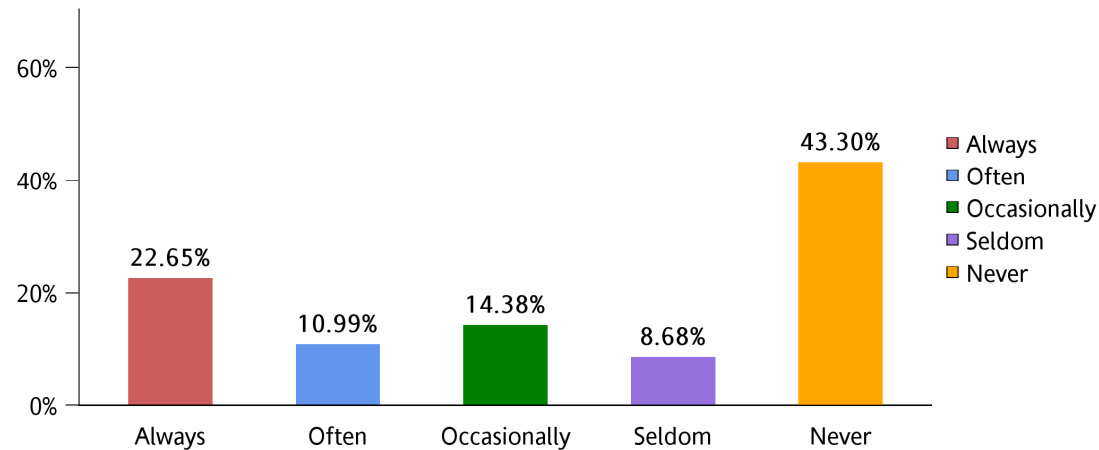
IPD Patients



Q9: Don't you think taking Analgesic on Time is necessary?

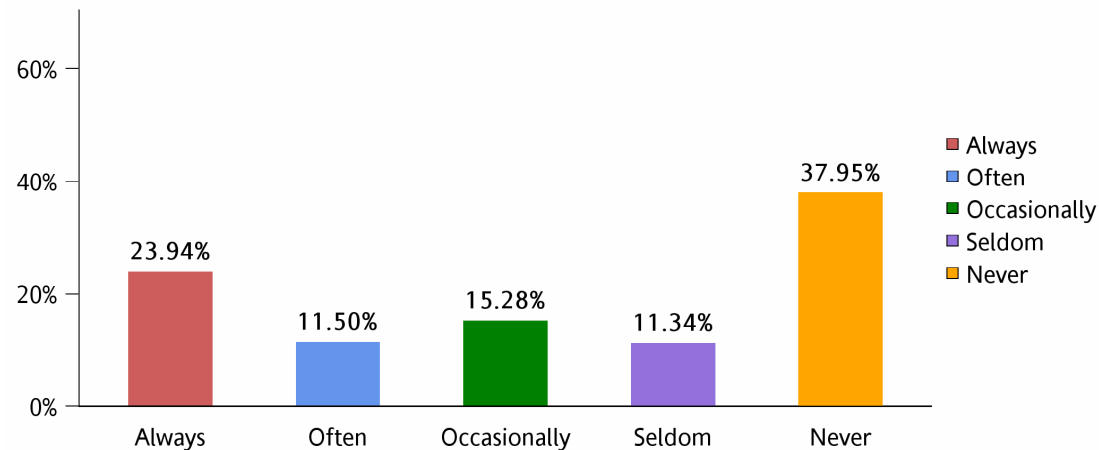
您認為不需要按時服用止痛藥物嗎？

OPD Patients



不需要按時服藥
(N= 2649)

IPD Patients

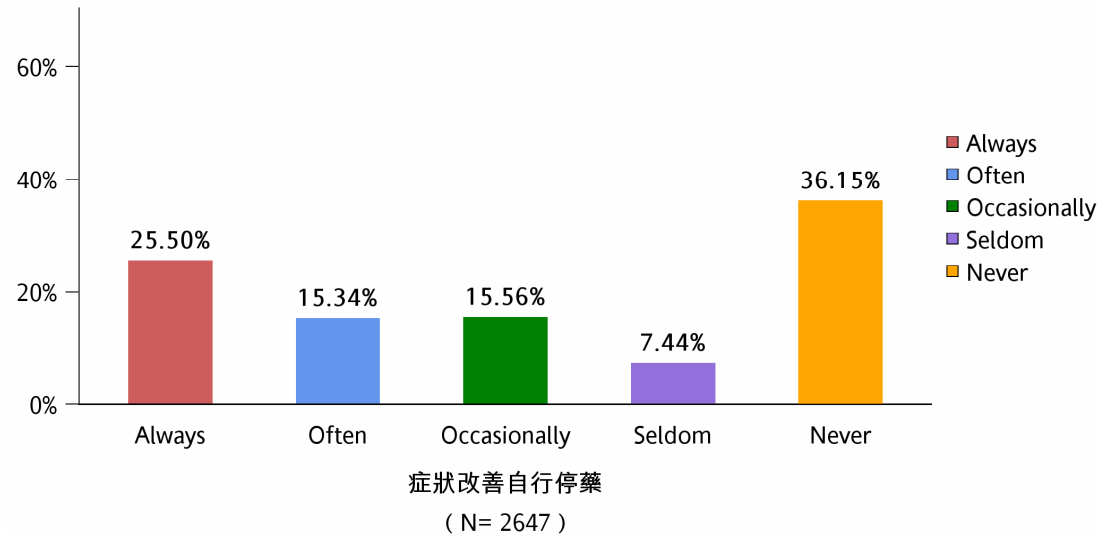


不需要按時服藥
(N= 635)

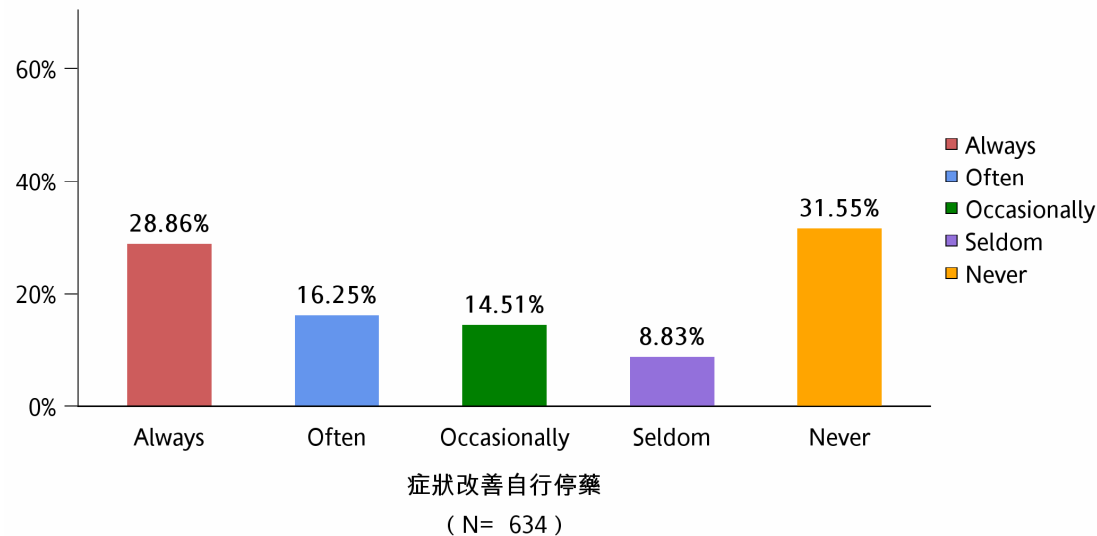
Q10: Would you stop to taking Analgesic when you feel better?

當您覺得症狀比較好時，您是否會自己停止服藥？

OPD Patients



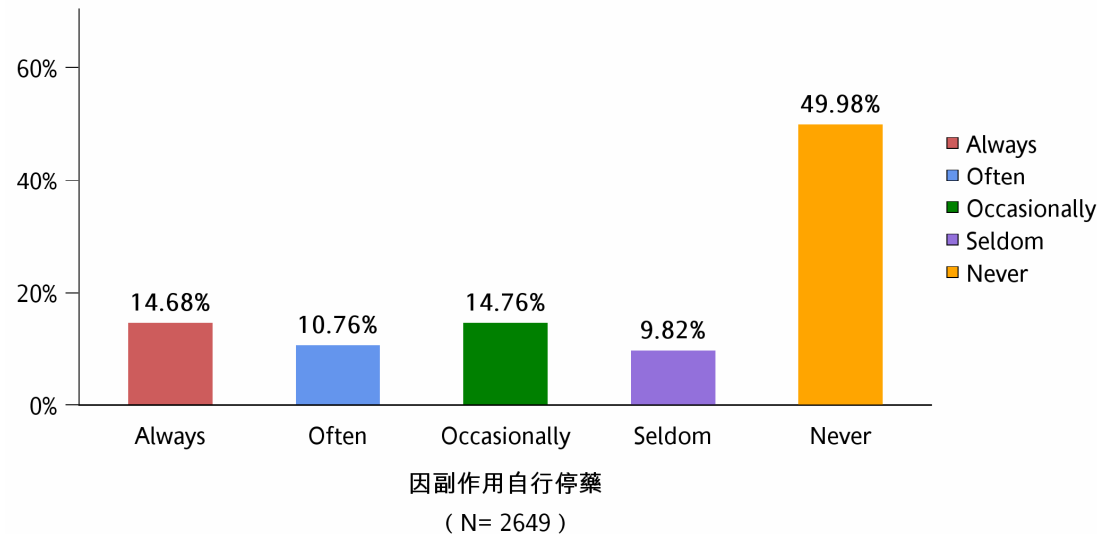
IPD Patients



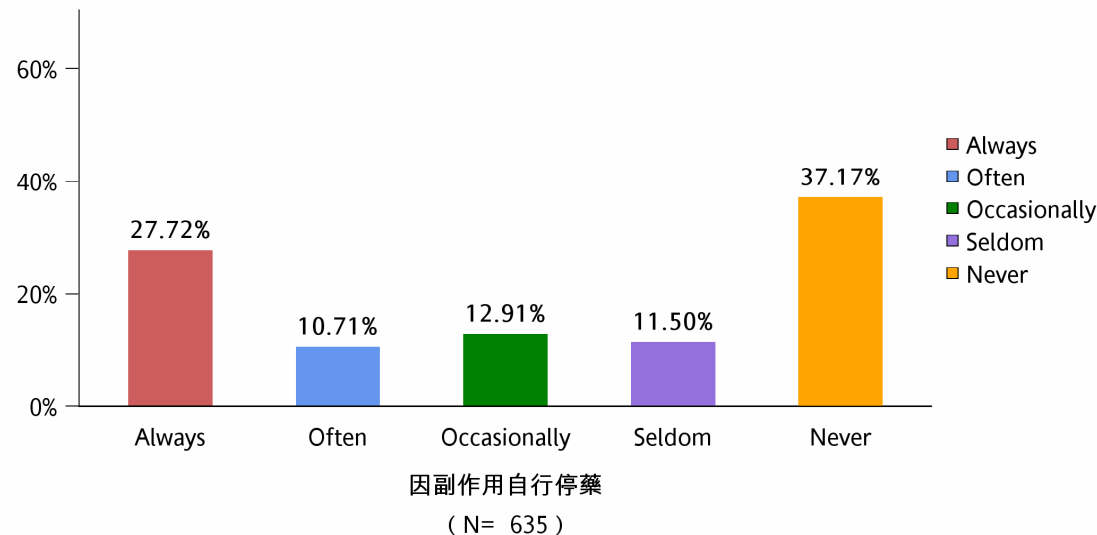
Q11: Would you stop to taking Analgesic when you feel uncomfortable after medication?

假如因服藥而覺得不舒服時，您是否會自己停止服藥？

OPD Patients



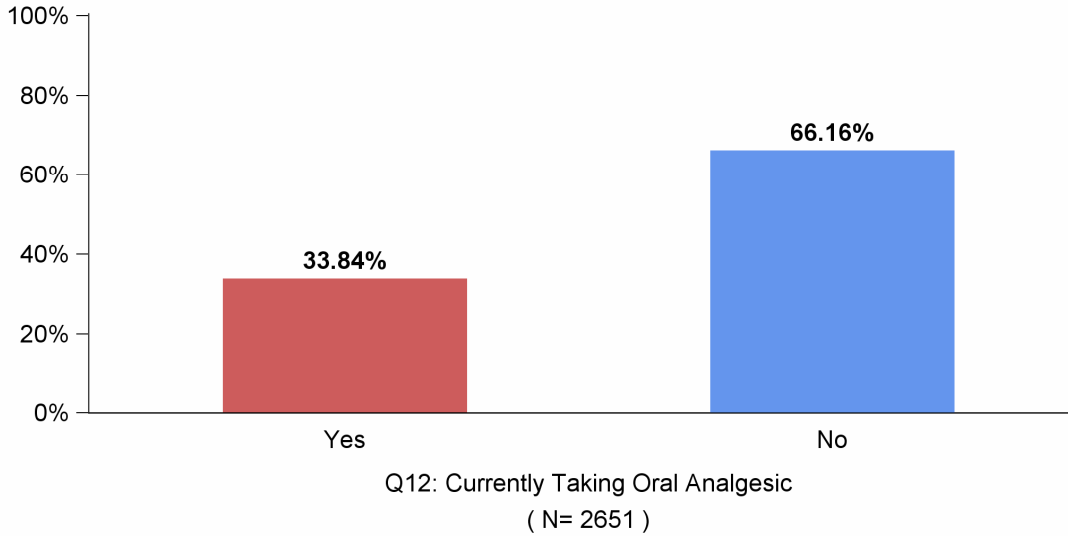
IPD Patients



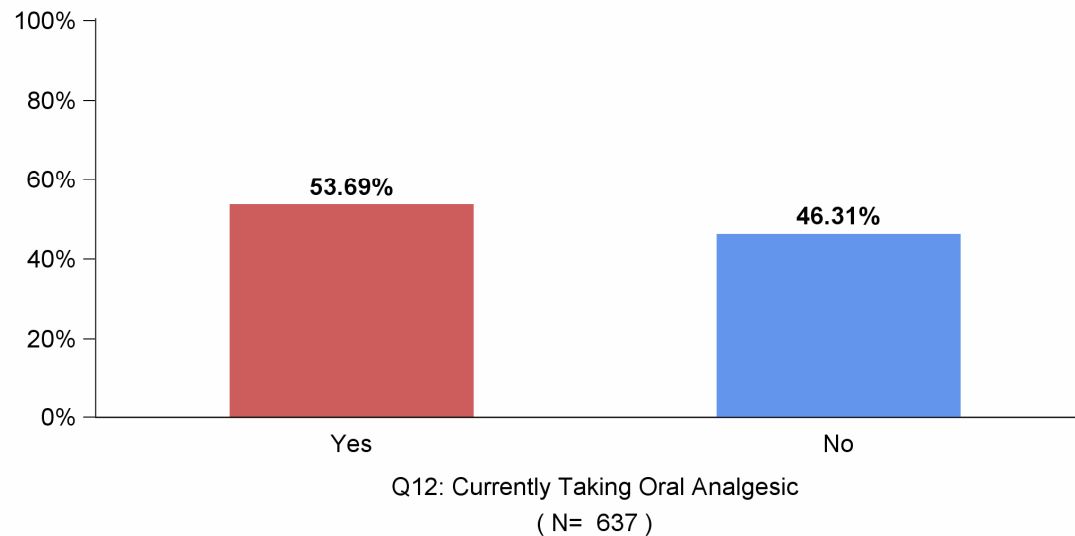
Q12: Currently Taking Oral Analgesic

請問您是否目前正在服用口服止痛藥？

**OPD
Patients**



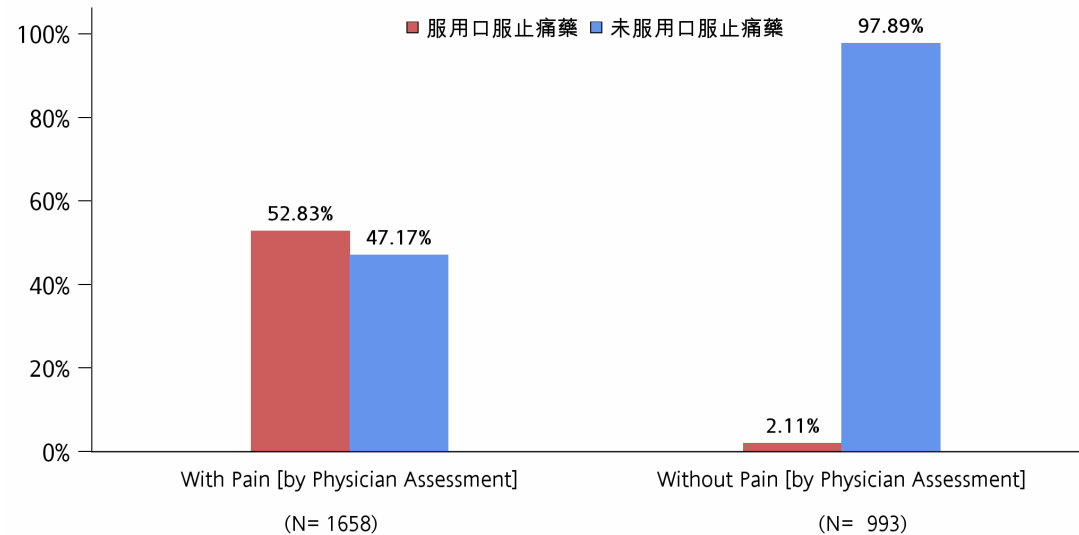
**IPD
Patients**



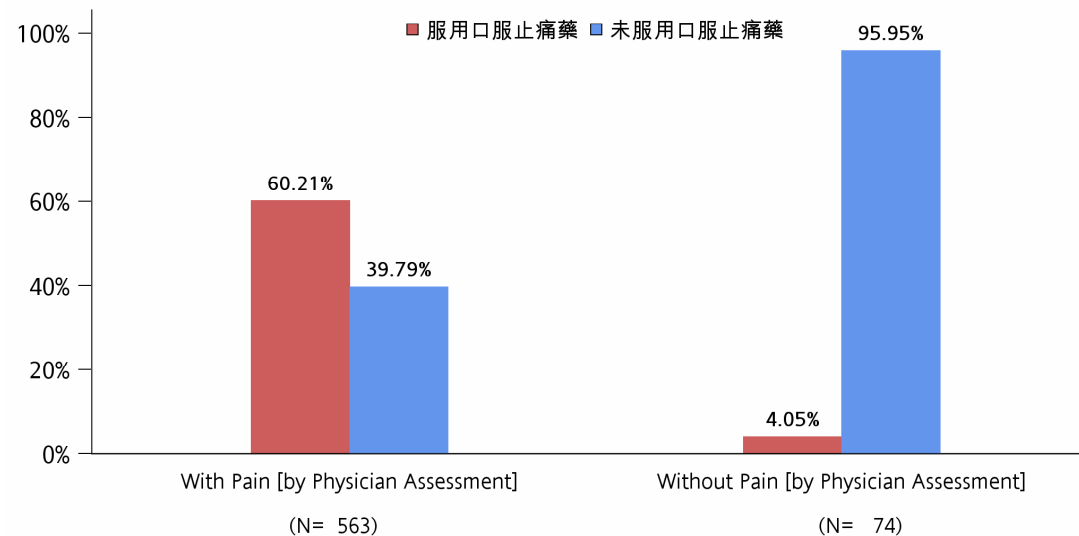
Q12: Currently Taking Oral Analgesic By Physician Assessment

請問您是否目前在服用口服止痛藥？依病人疼痛狀態分類(醫師診斷)

OPD Patients



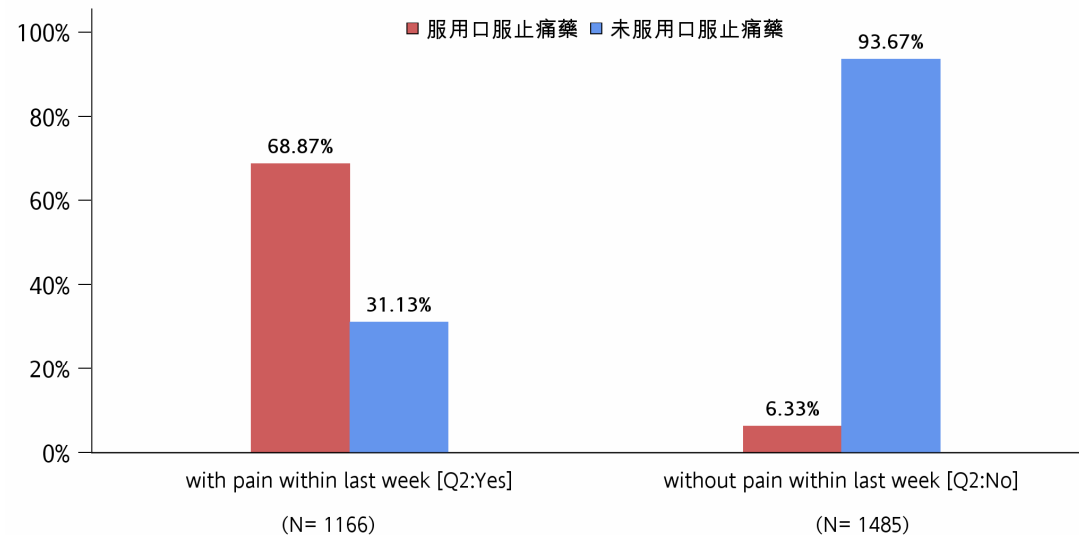
IPD Patients



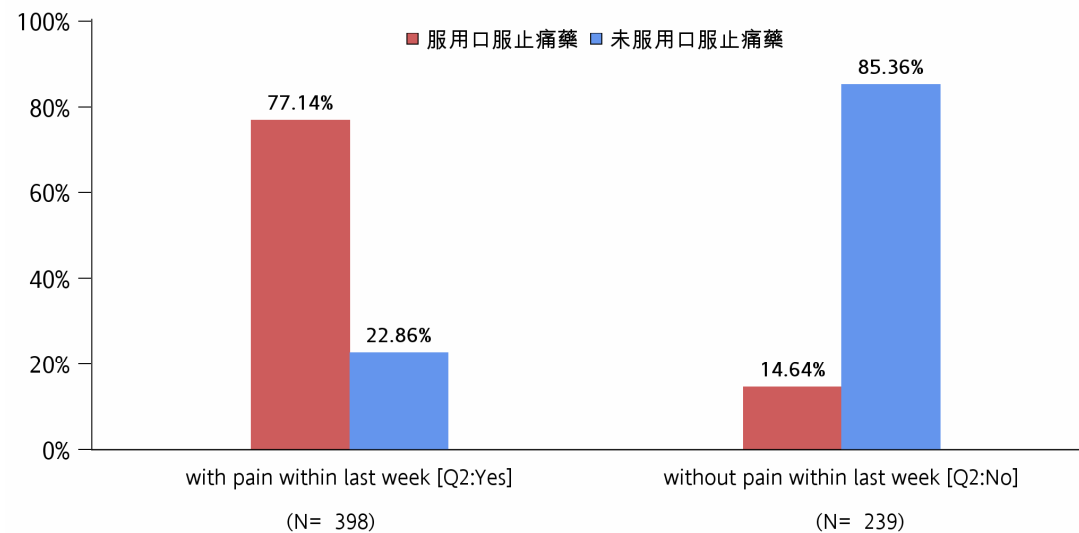
Q12: Currently Taking Oral Analgesic By Ever Pain Last Week (Q2)

請問您是否目前在服用口服止痛藥？依病人過去一週疼痛狀況分類

OPD Patients

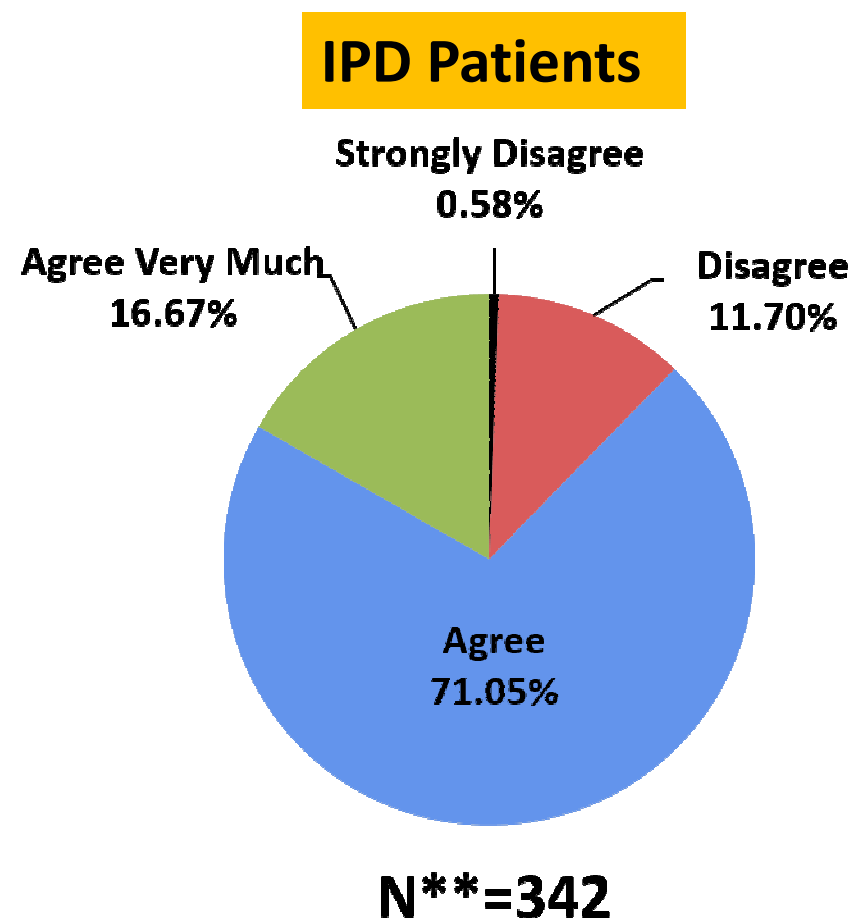
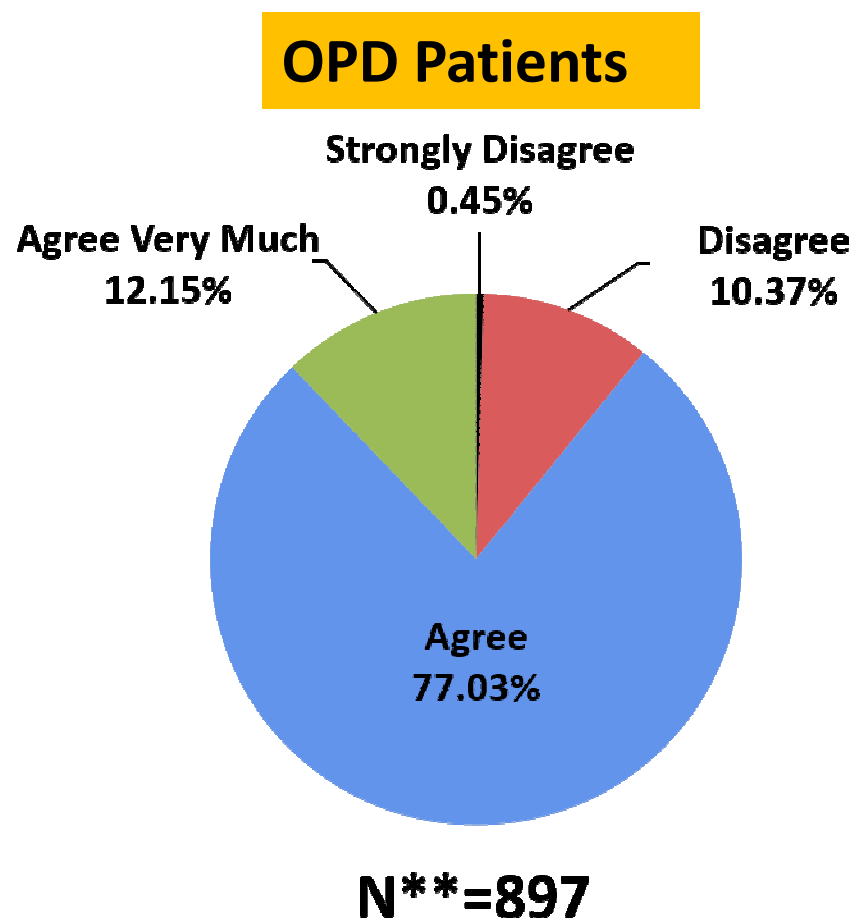


IPD Patients



Q13: Patient's Perception of Oral Analgesic

a: Can Effectively Relieve Pain (能有效緩解疼痛)

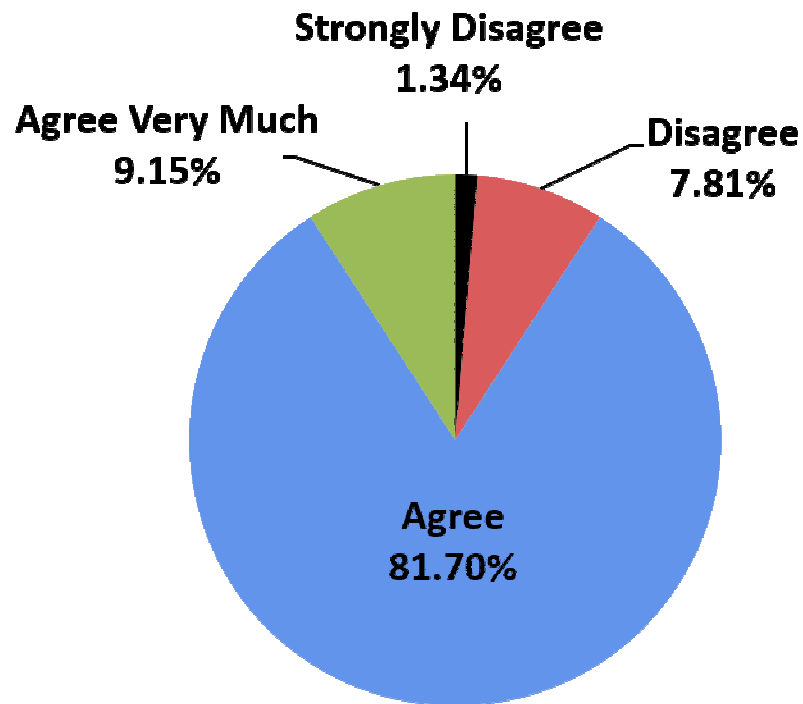


Q13: Patient's Perception of Oral Analgesic

b: Side Effects of Analgesic Can be Tolerated

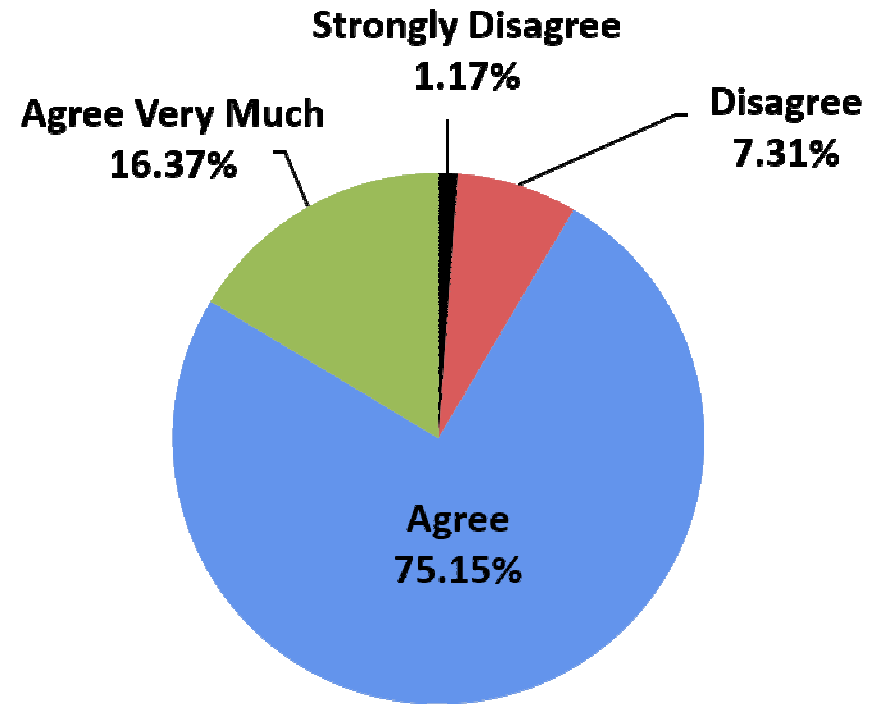
(藥物的副作用是可以忍受的)

OPD Patients



N=896**

IPD Patients



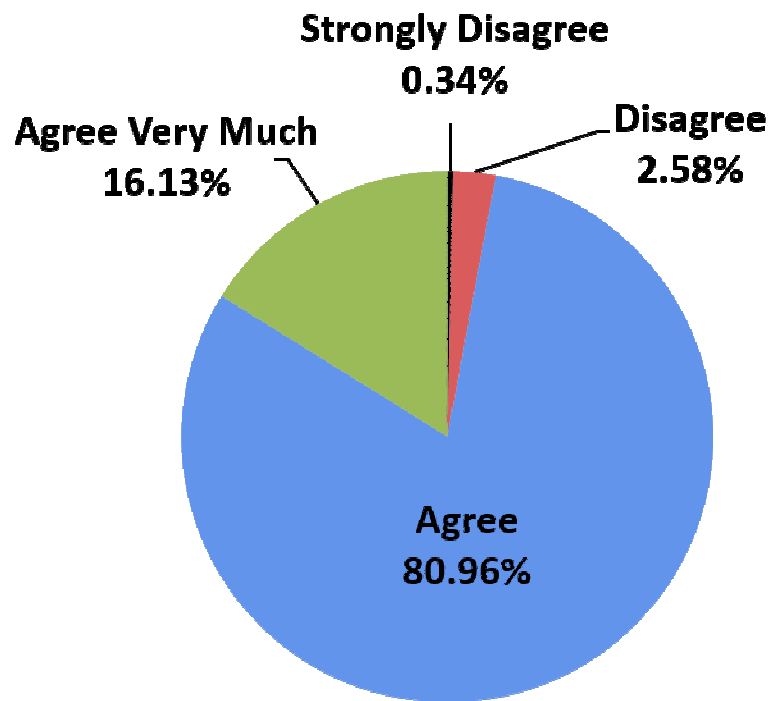
N=342**

Q13: Patient's Perception of Oral Analgesic

c: Taking Analgesic is Familiar and Simple

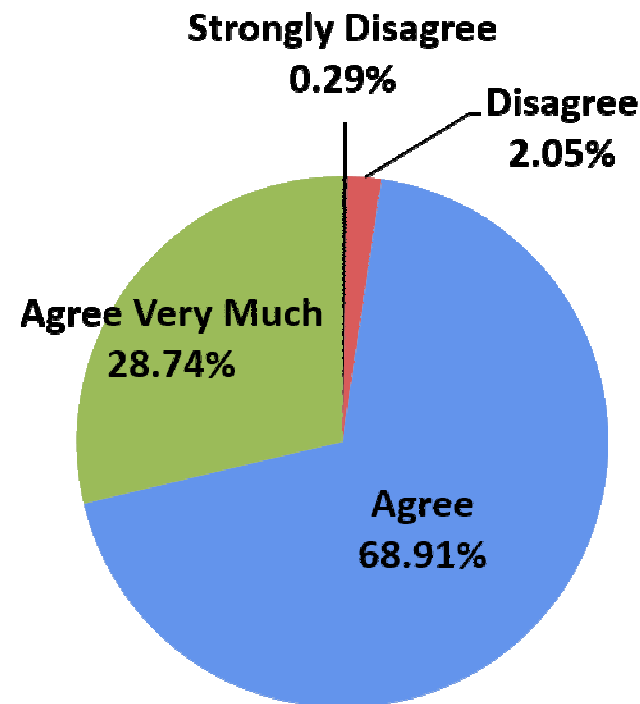
(是熟悉而簡單的服藥方式)

OPD Patients



N=893**

IPD Patients



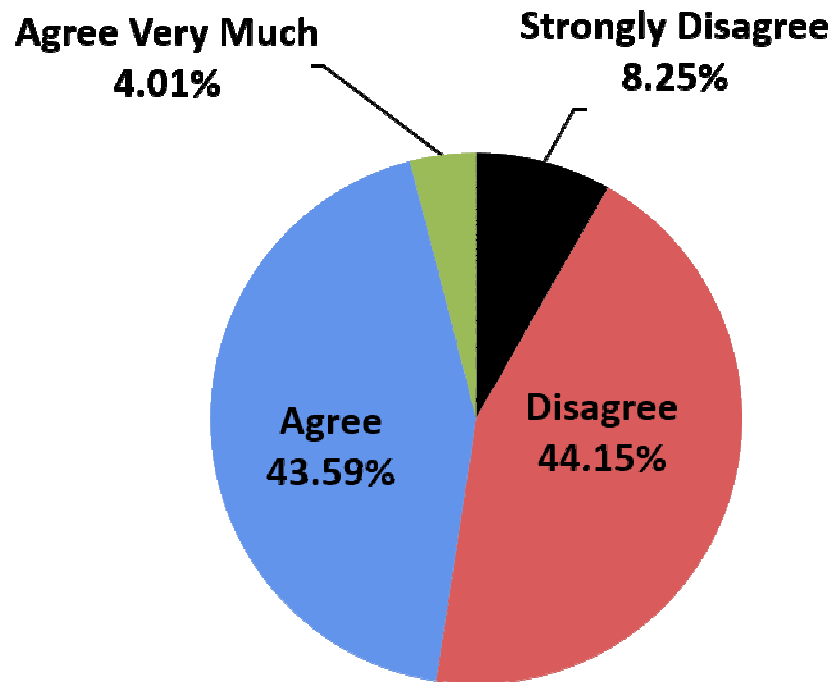
N=341**

Q13: Patient's Perception of Oral Analgesic

d: Forget to Take Analgesic Due to Irregular Taking Time

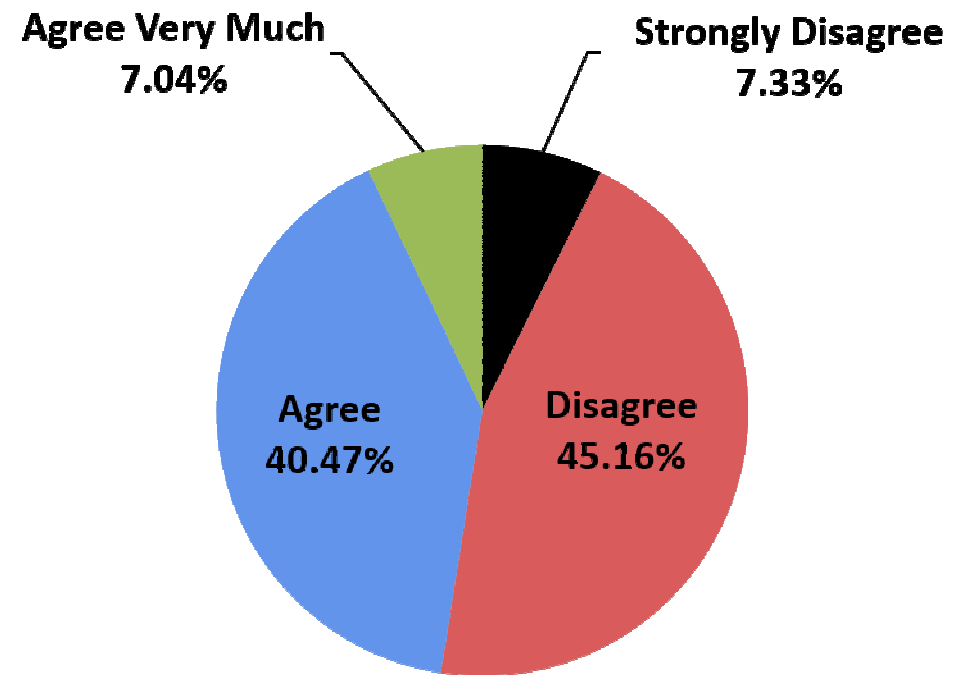
(會因服藥的頻繁或不規律而忘記服用)

OPD Patients



N=897**

IPD Patients

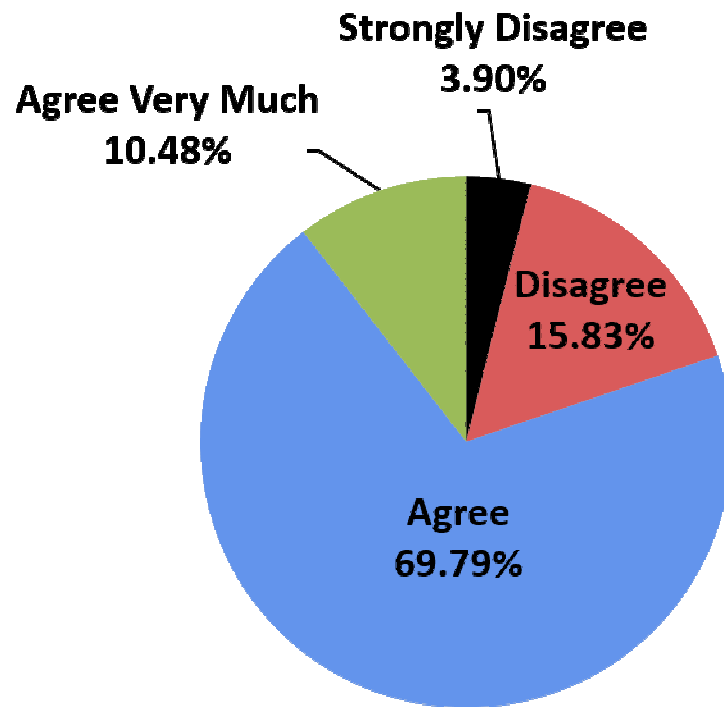


N=341**

Q13: Patient's Perception of Oral Analgesic

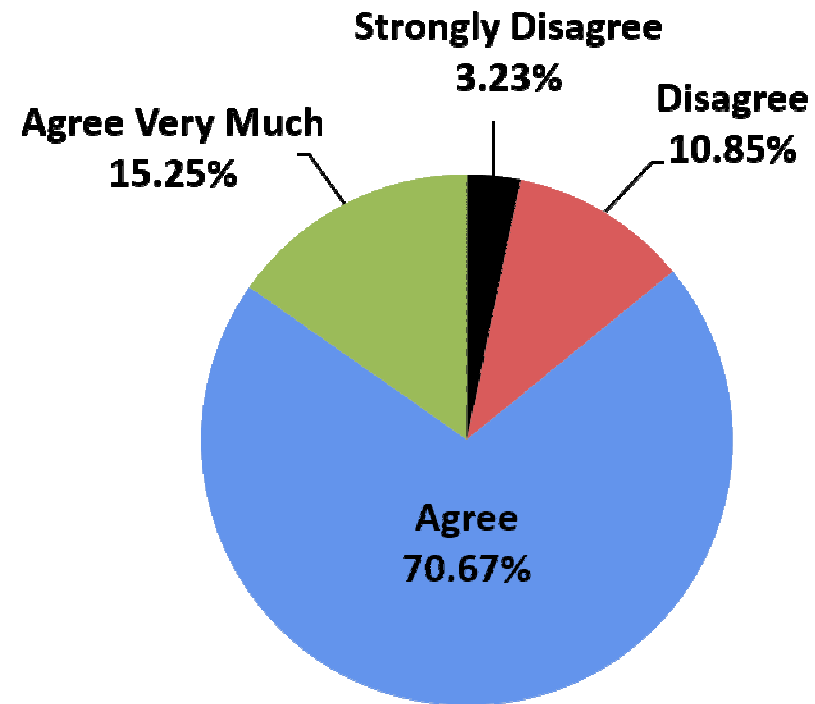
e: Can Easy Adjustment the Dose of Analgesic with Pain Sensation
(可容易依照疼痛情形調整藥物的服用)

OPD Patients



N=897**

IPD Patients

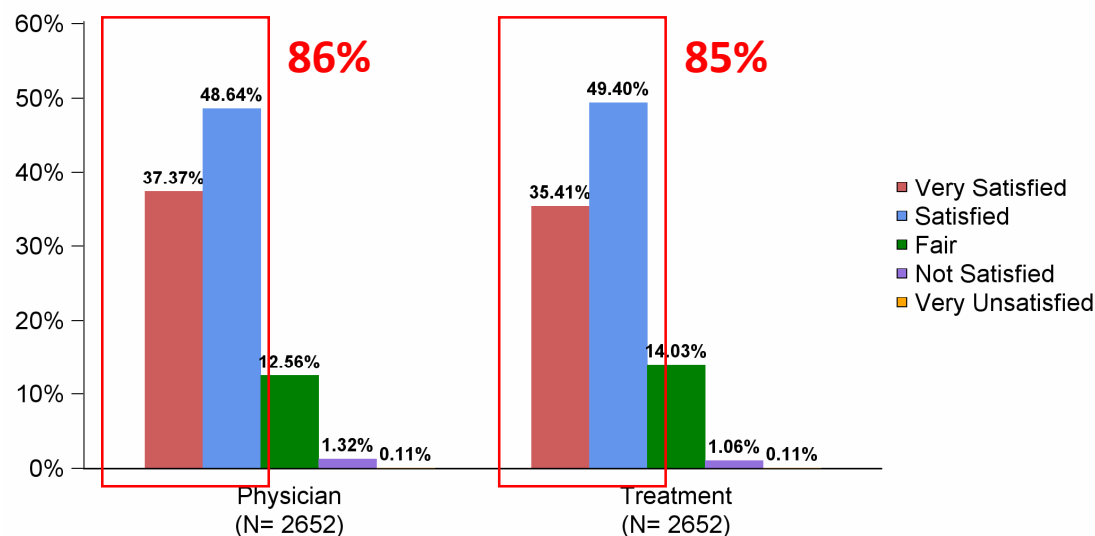


N=341**

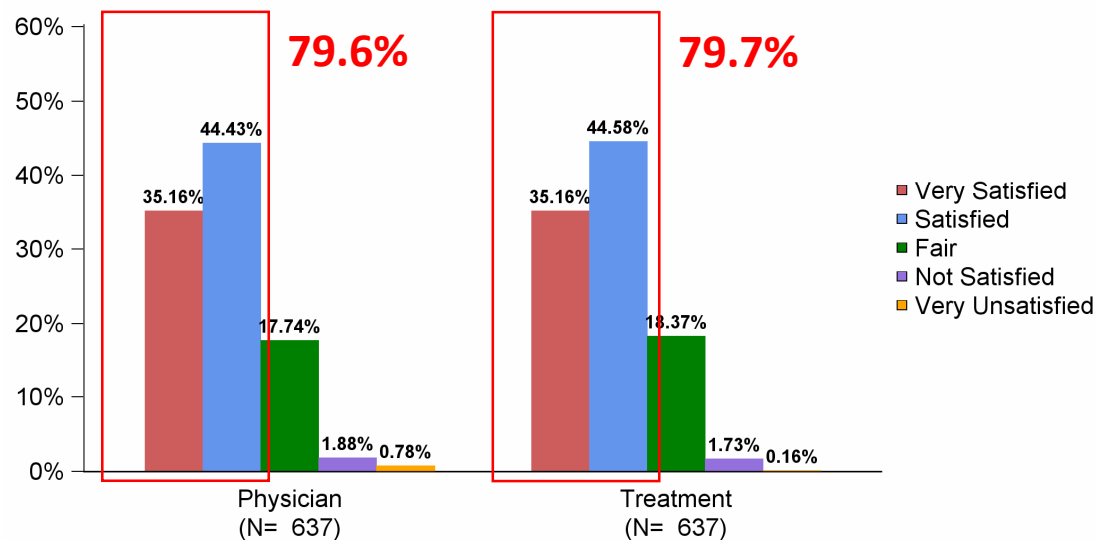
Q14-15: Satisfactoriness with Doctor/Treatment

您認為您對醫師/此次治療期間處理您的疼痛感到滿意。

OPD Patients



IPD Patients



Q16: Any Other Non-pharmacological Adjuvant Therapy

請問您除了醫師給您的止痛藥物治療之外，您是否還同時有其他的疼痛輔助治療？

	OPD patients		IPD patients	
	Number	Percent (%)	Number	Percent (%)
Other Adjuvant Therapy	N= 2652		N= 637	
<u>No</u>	2306	86.95%	566	88.85%
<u>Yes^a</u>	346	13.05%	71	11.15%
Massage	190	54.91% ^b	42	59.15% ^b
Acupuncture	62	17.92% ^b	4	5.63% ^b
Qigong	42	12.14% ^b	5	7.04% ^b
中醫/中草藥	38	10.98% ^b	5	7.04% ^b
運動/復健	23	6.65% ^b	2	2.82% ^b
冰敷/溫敷/熱敷	17	4.91% ^b	4	5.63% ^b
Aromatherapy	13	3.76% ^b	5	7.04% ^b
成藥	11	3.18% ^b	7	9.86% ^b
Other Therapy	27	7.80% ^b	9	12.68% ^b

a: Patients reported at least one kinds of adjuvant therapy.

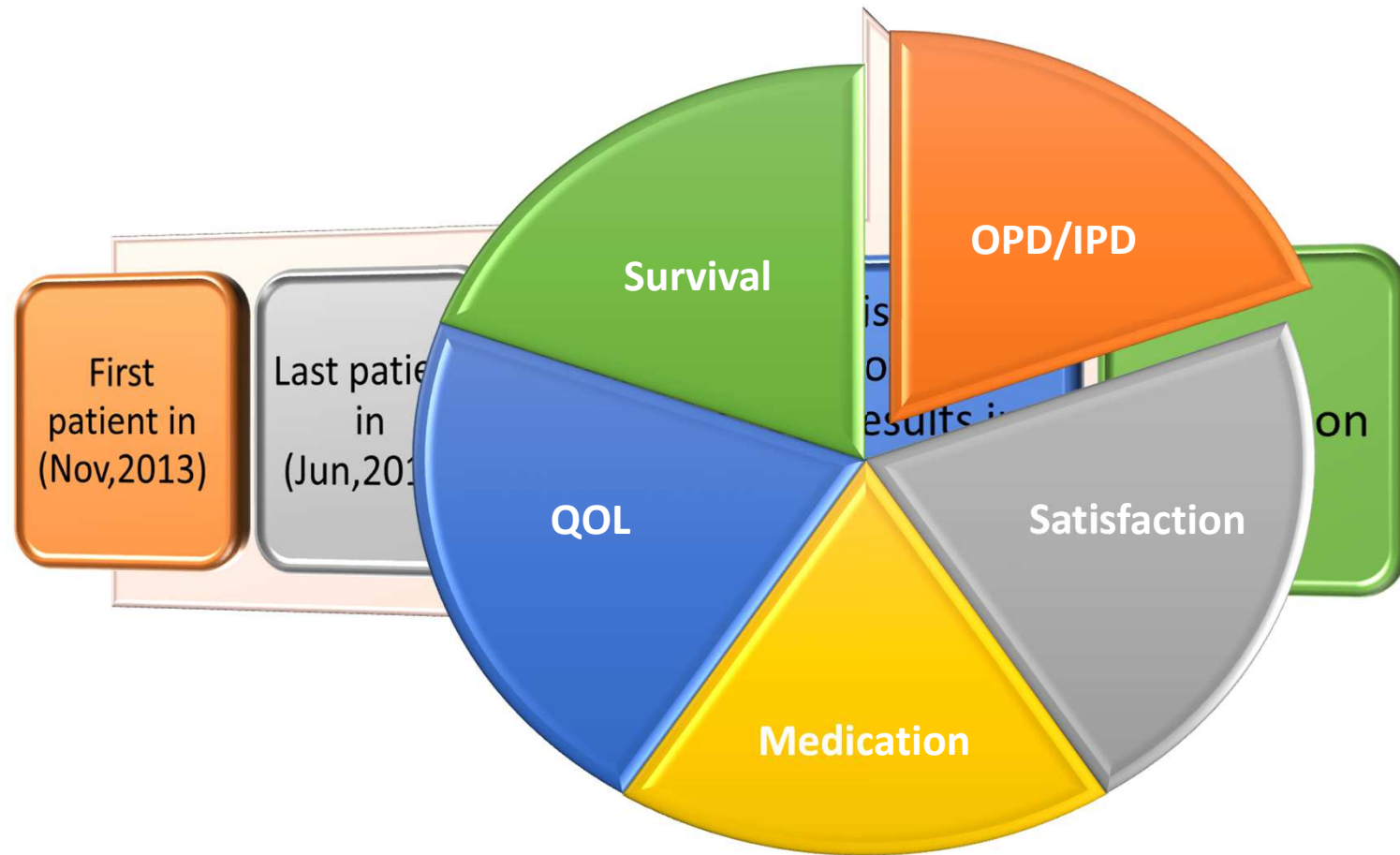
DUT-TWN-MA2013

(OPD and IPD patients)

b: The proportion was calculated based on total number of patient used other adjuvant therapy.

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Continuing.....



Any Question?