

Taiwan Experience in PD therapy

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Outline



- Demographic in Taiwan PD
- Experience in PD program of CGMH-Kaohsiung

Audit

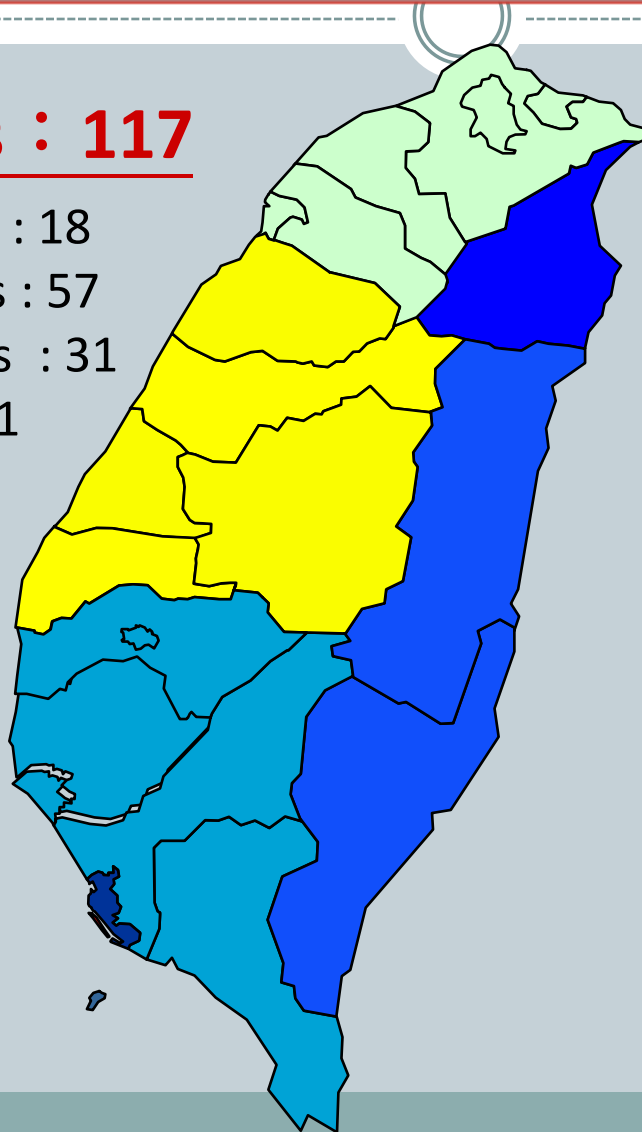


- Quality Audit in Bureau of National Health Insurance (BNHI) Taiwan: Q3m
- Performance Audit in Taiwan Nephrology Society: Q2y
- Taiwan data Analysis: Baxter, Taiwan, annually

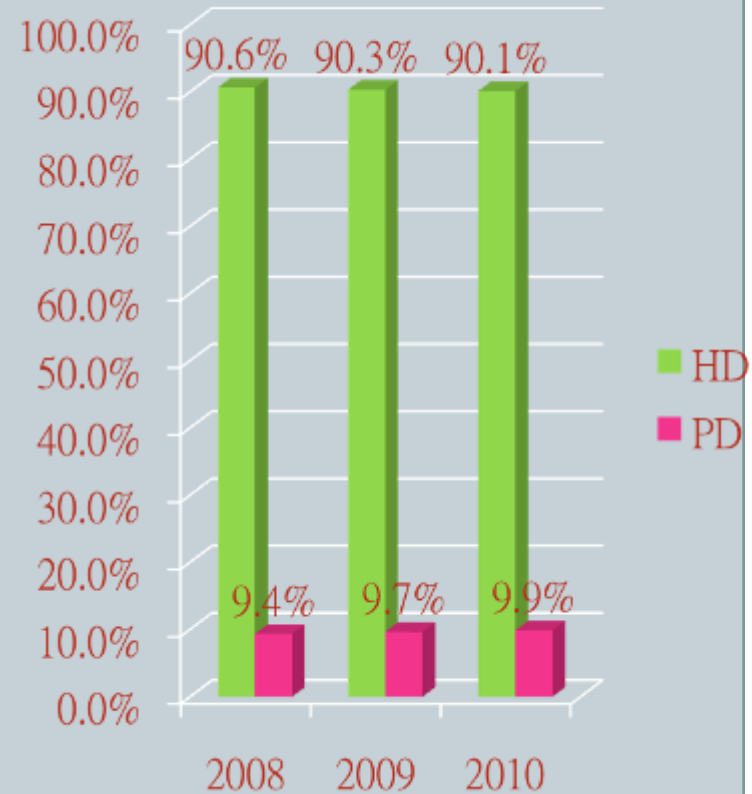
2010 PD Status in Taiwan

PD Centers : 117

Medical Centers : 18
Region Hospitals : 57
County Hospitals : 31
Private Clinic : 11

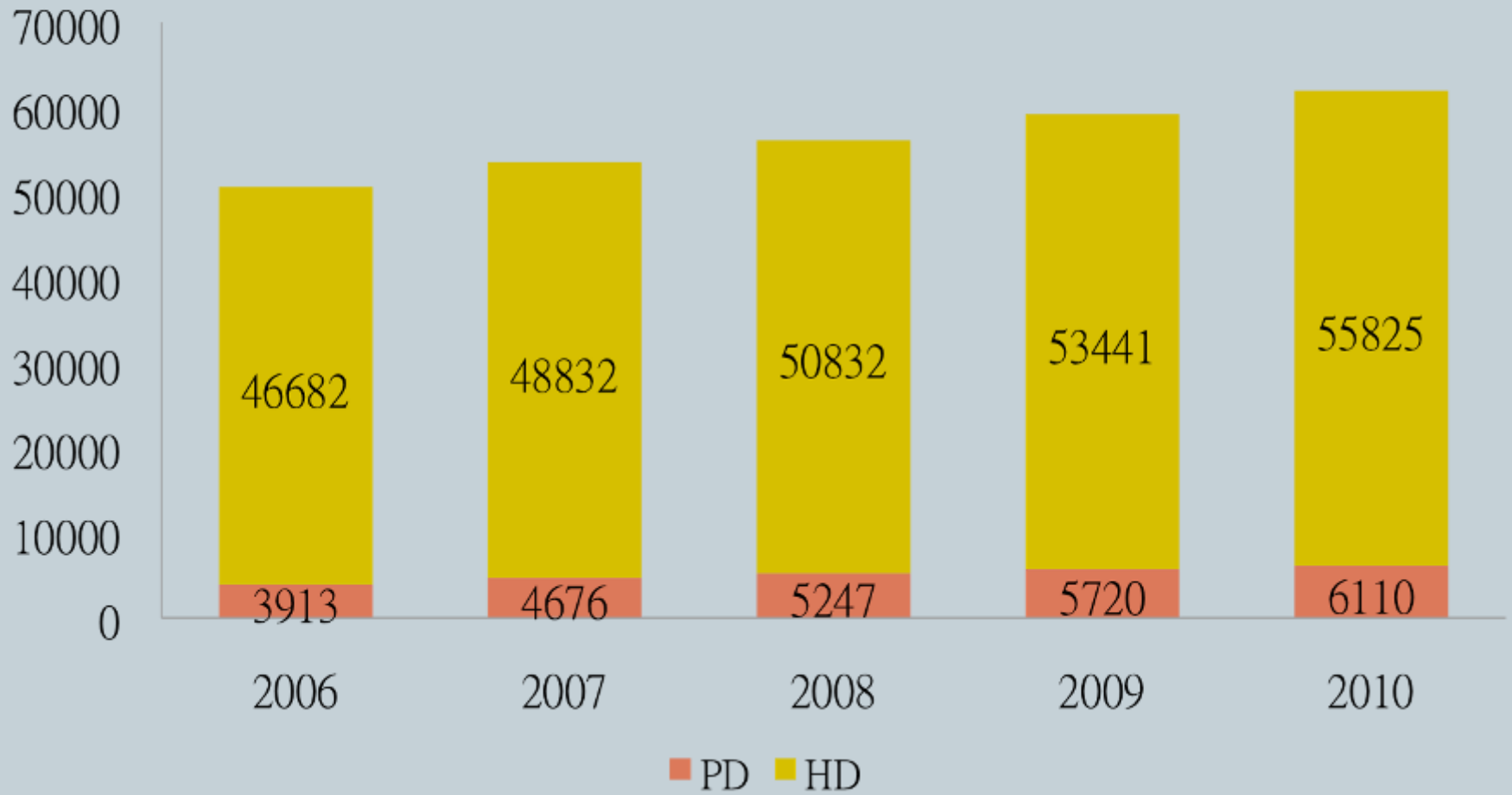


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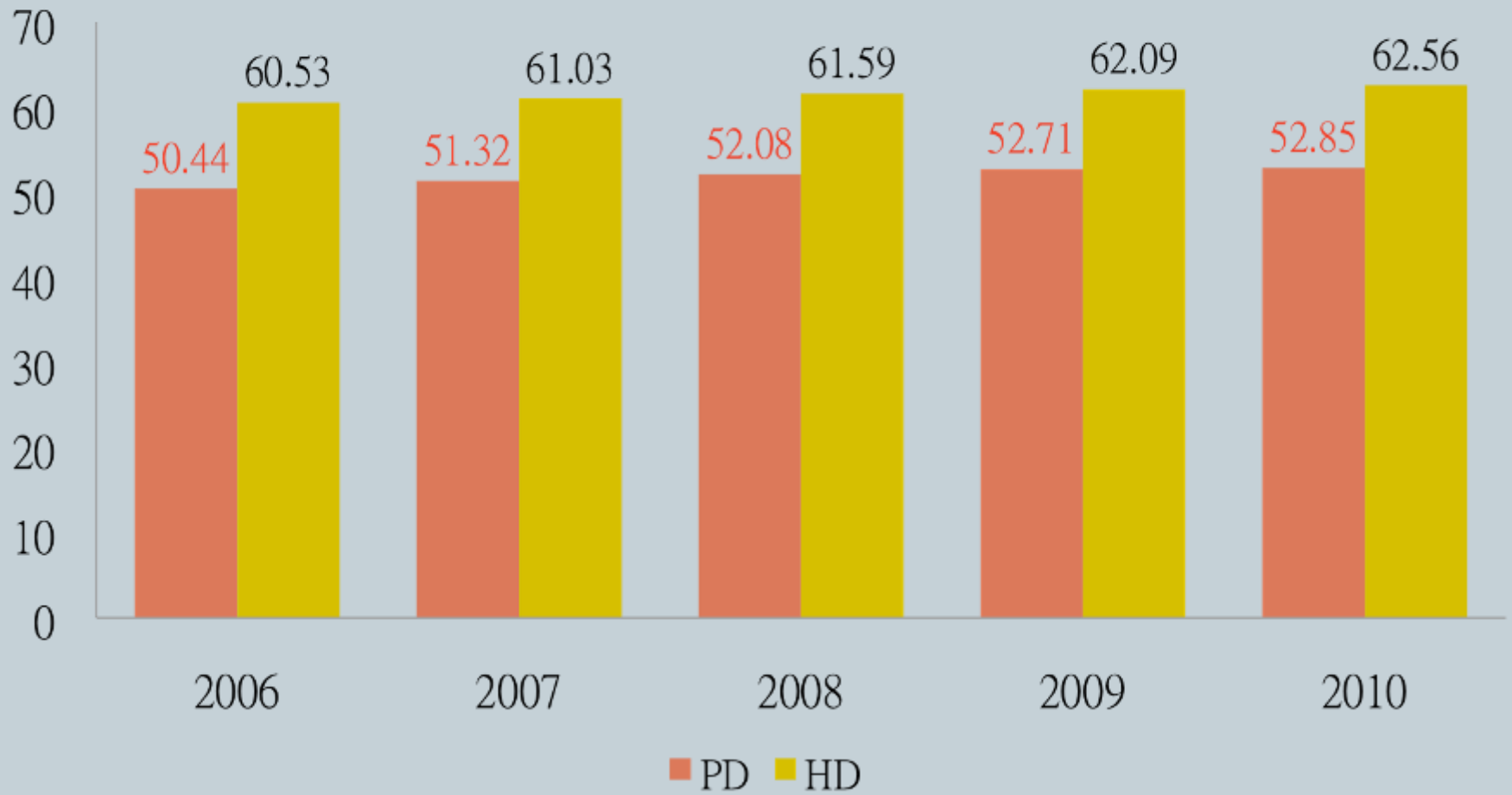
Data from Taiwan BNHI

Dialysis Patient number-Taiwan



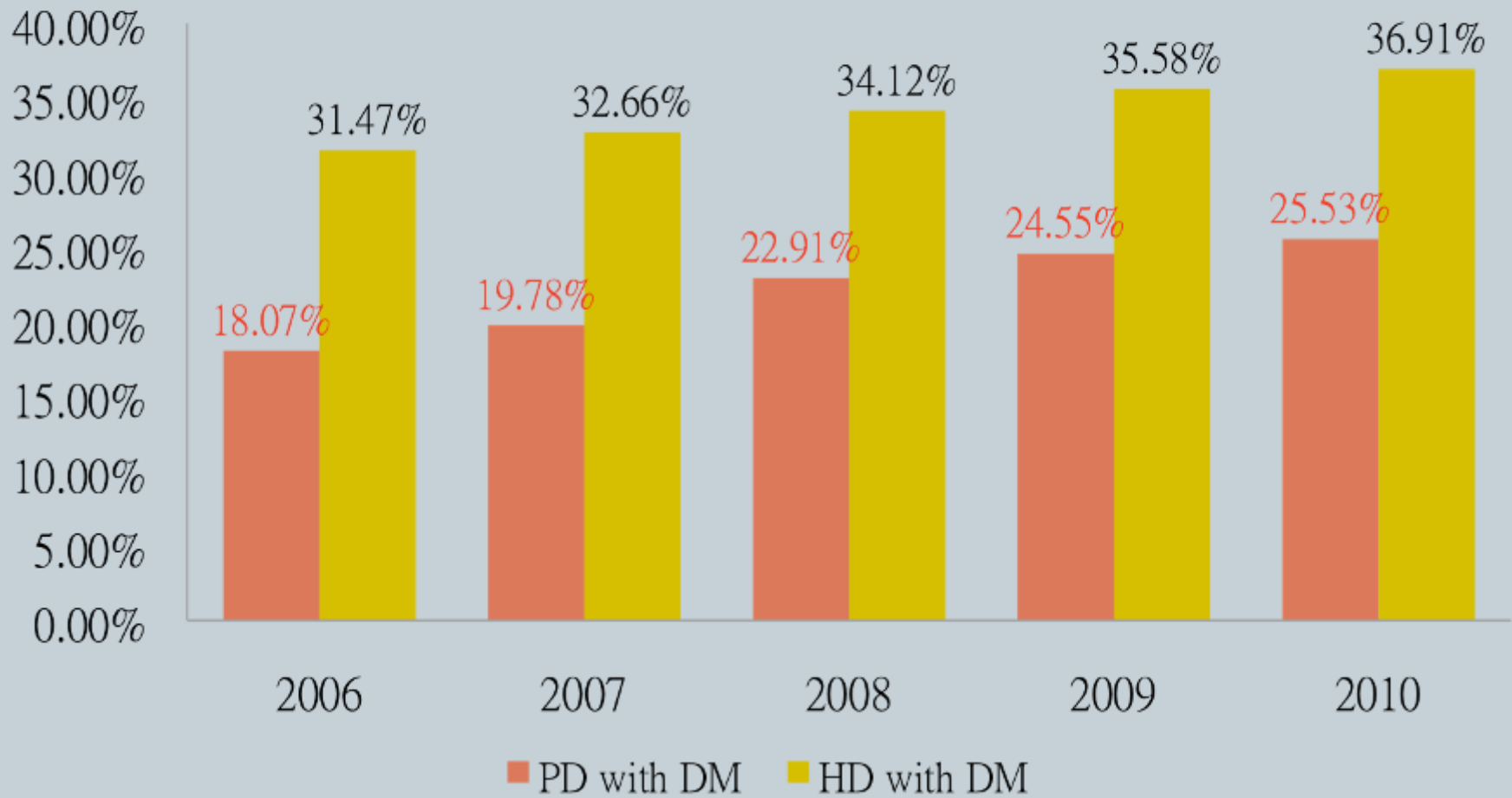
Data from Taiwan BNHI

Average Age –HD and PD Patient



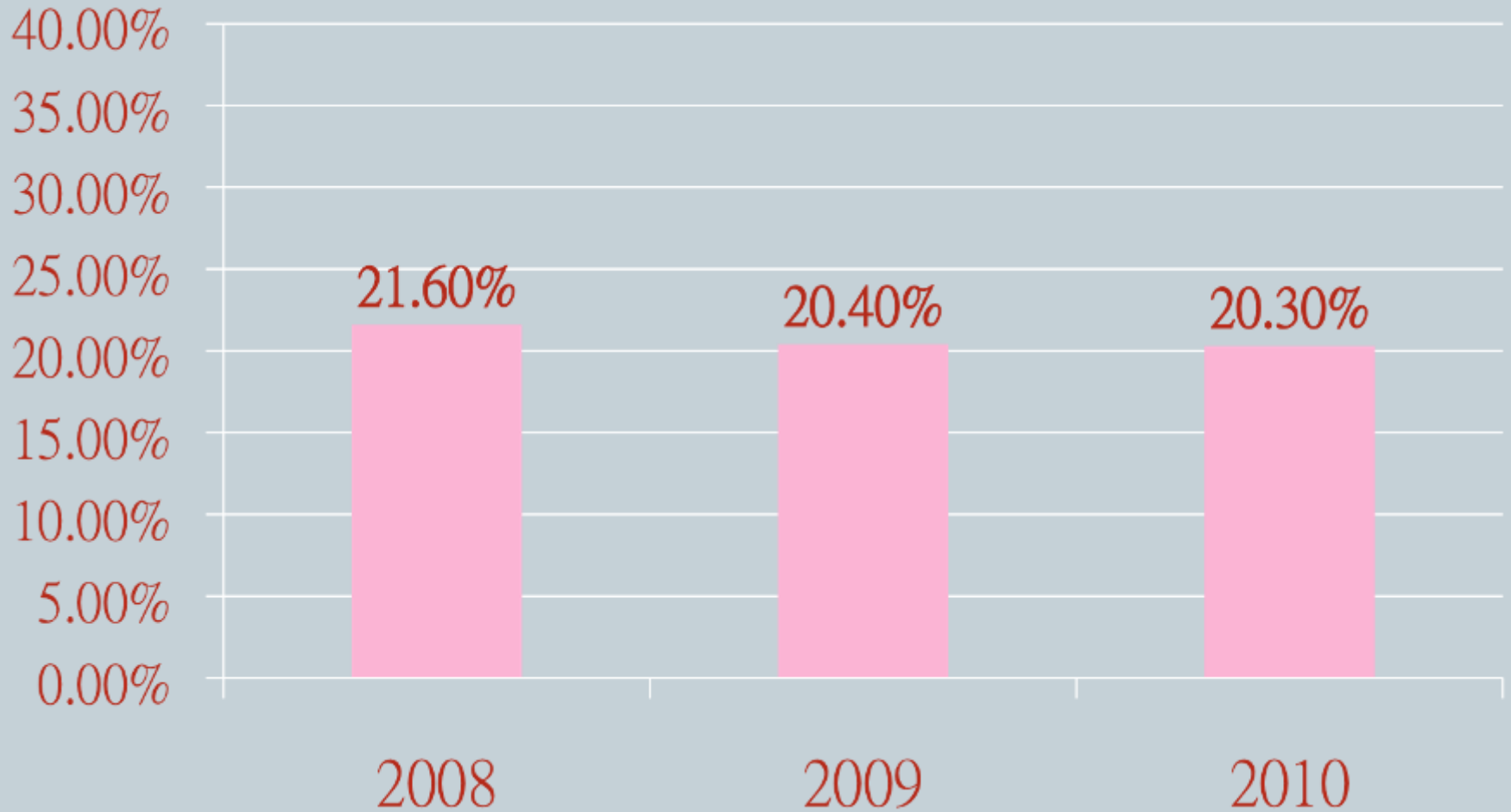
Data from Taiwan BNHI

DM Patients-PD and HD

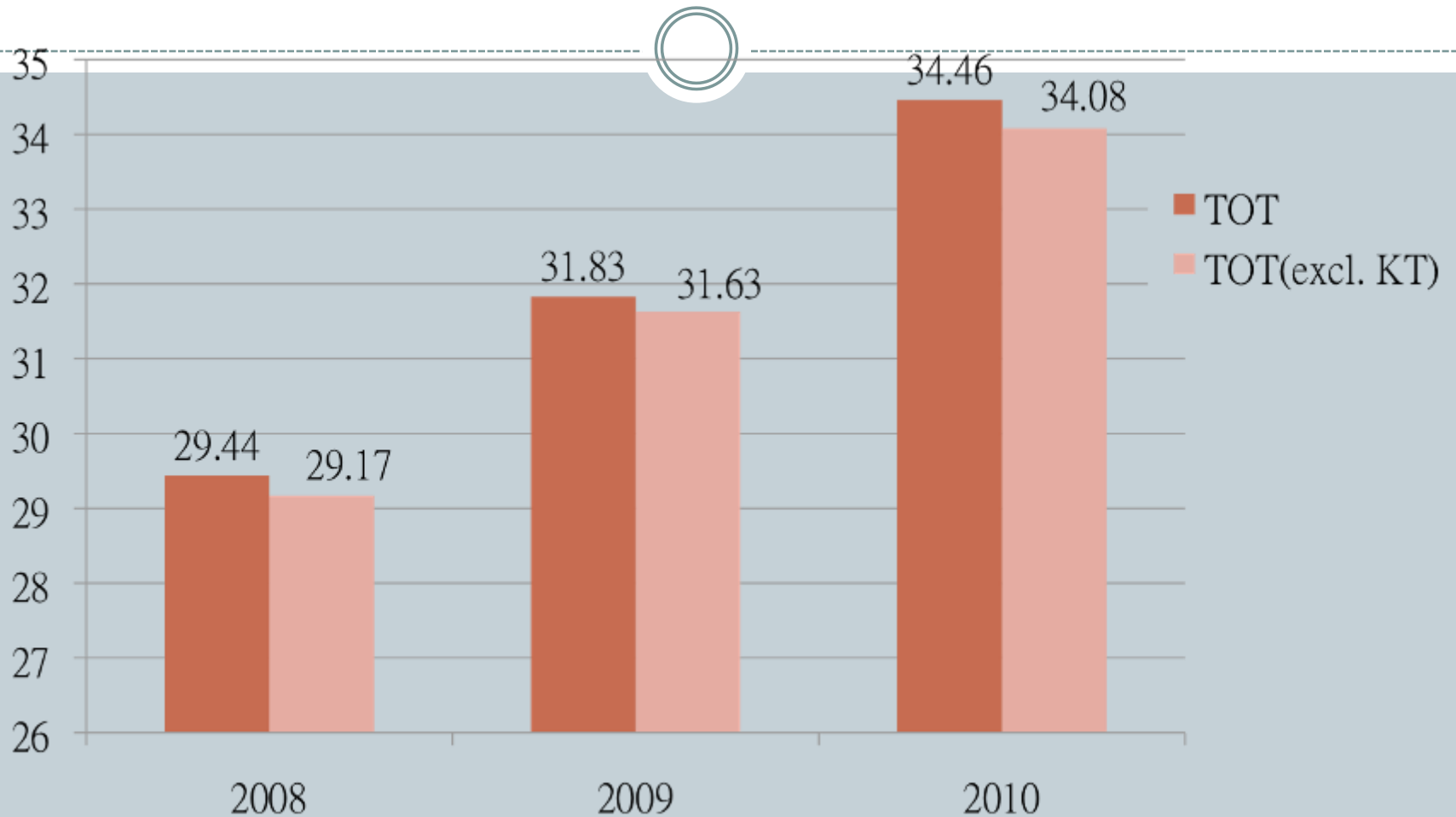


Data from Taiwan BNHI

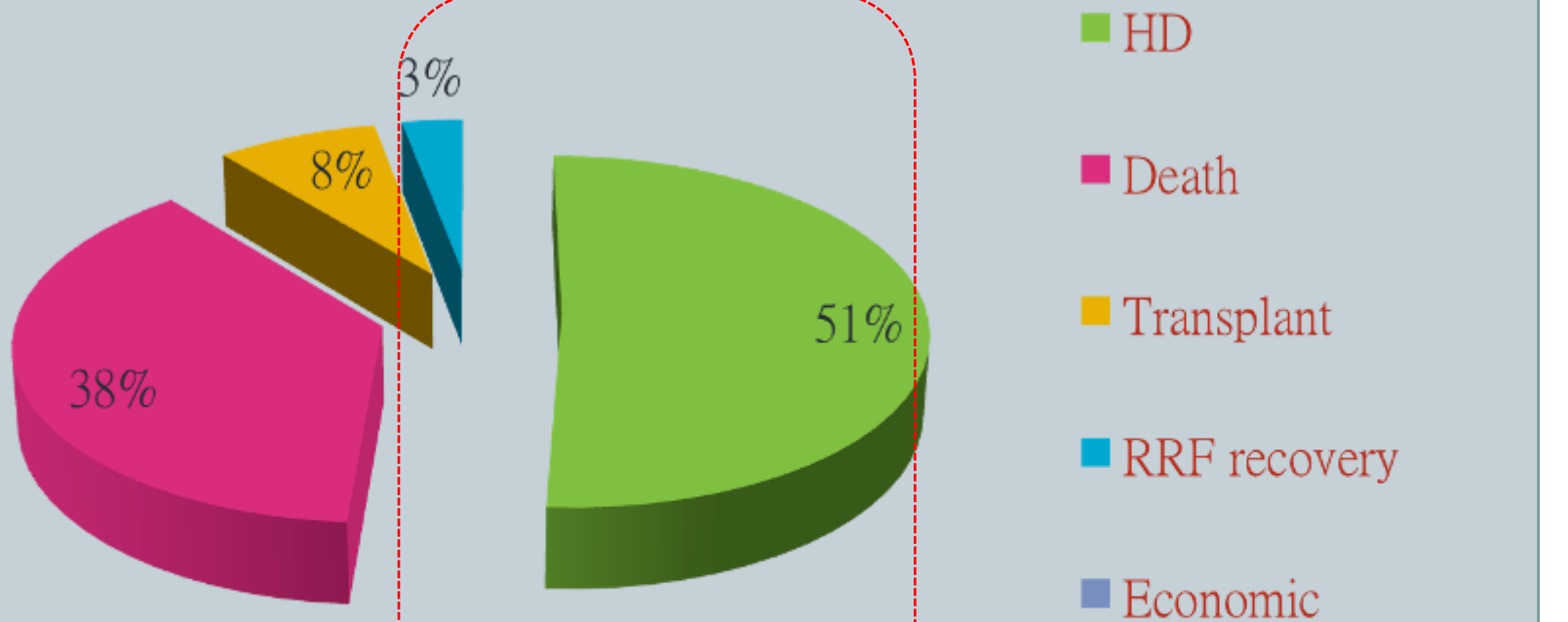
Drop Out rate



Time on Therapy (TOT)

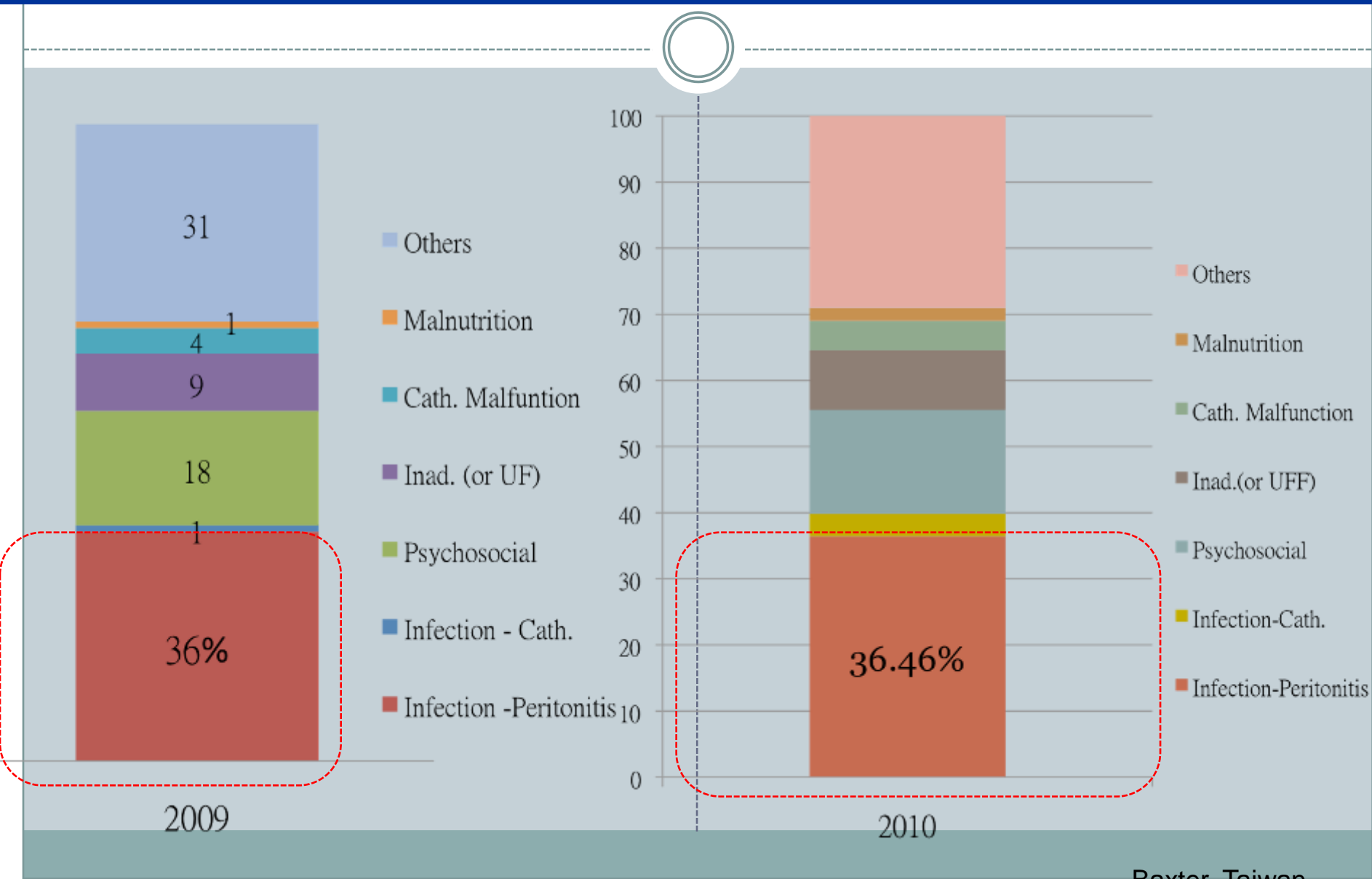


Causes of Drop out -2010

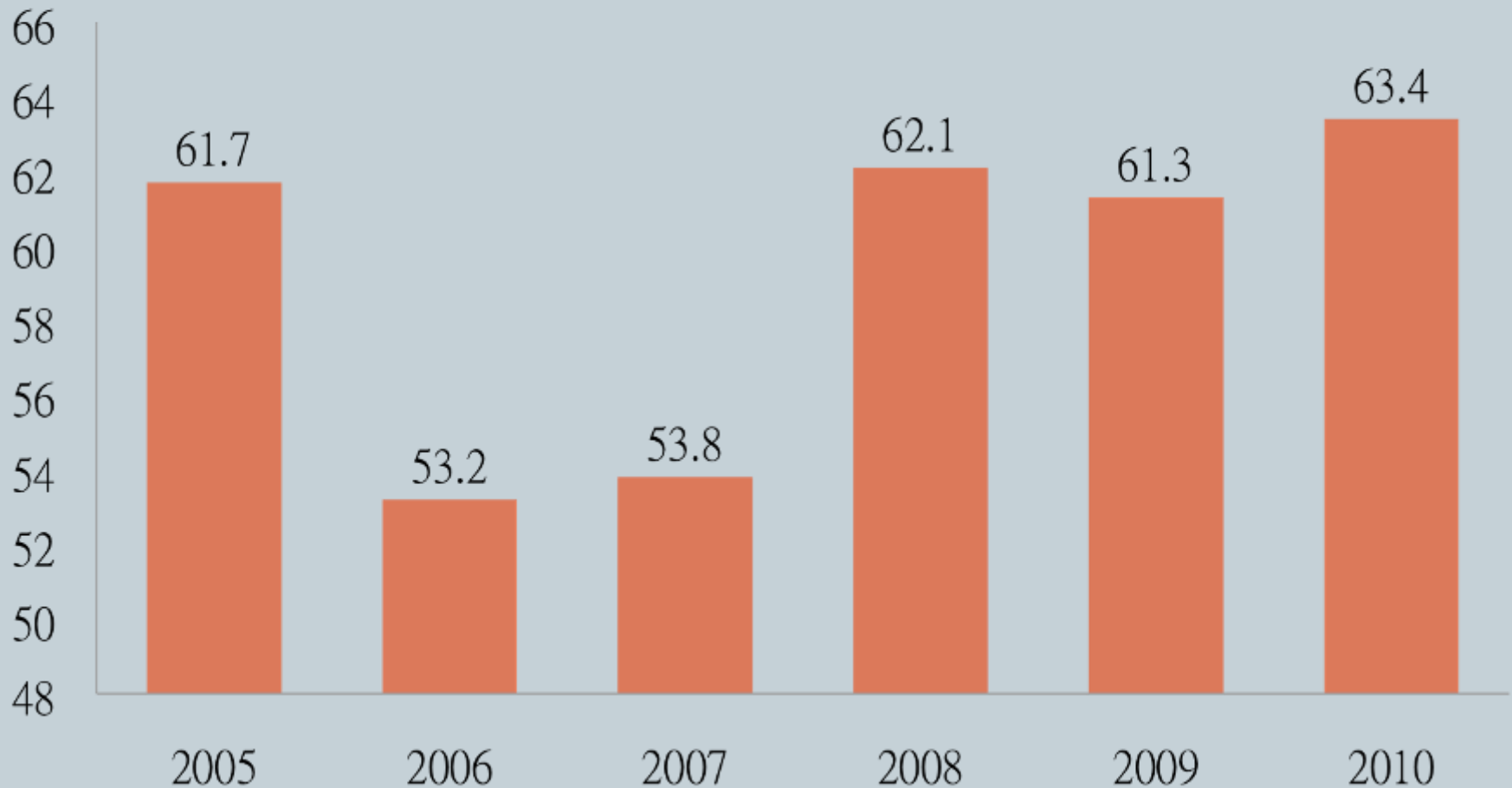


	percentage	number
HD	51%	565
Death	38%	421
Transplant	8%	94
RRF recovery	3%	32
Economic	0%	0
Transfer to Competiter	0%	0

Transfer to HD: Reasons analysis



Peritonitis rate :1 episode/Patient Months



Data from Taiwan BNHI

Chang Gung Memorial Hospital

台北
TAIPEI

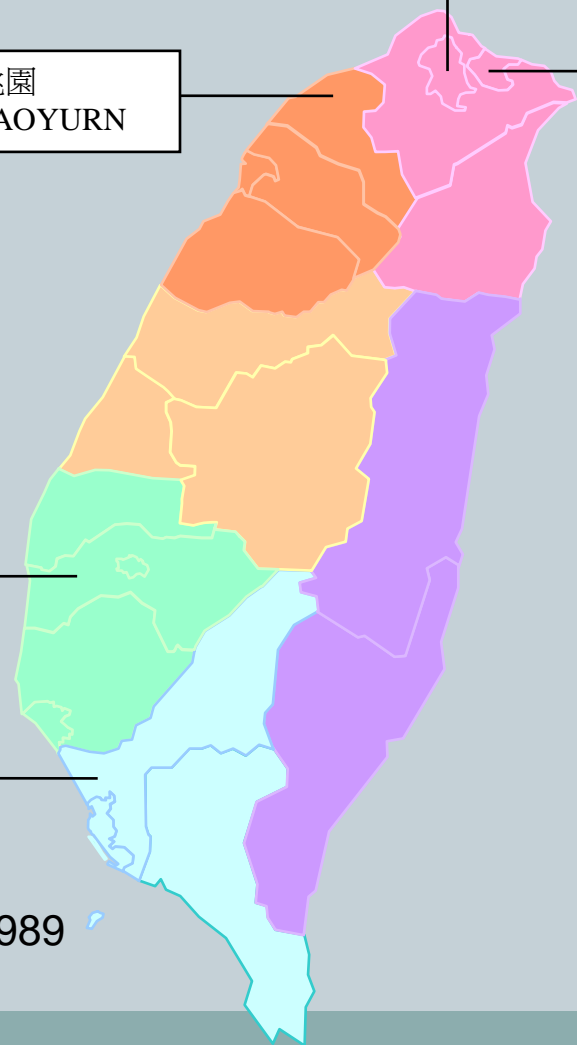
基隆
KEELUNG

桃園
TAOYURN

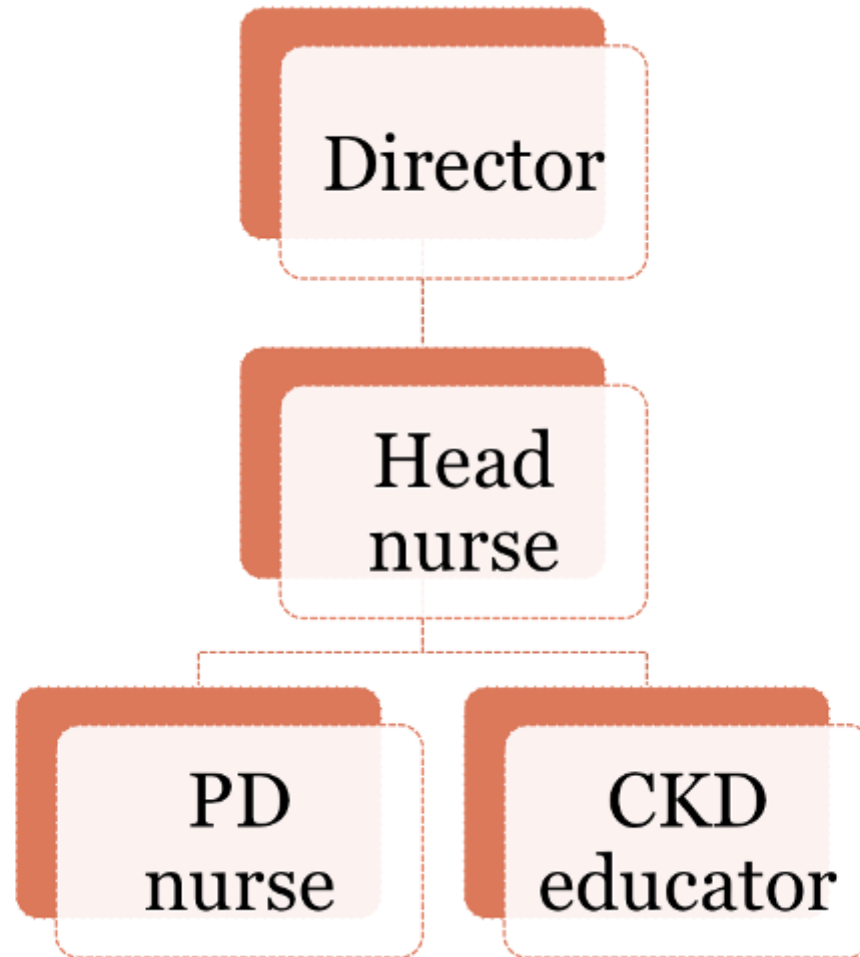
嘉義
CKIAYI

高雄
KAOHSIUNG

PD center from 1989



Personnel in PD unit

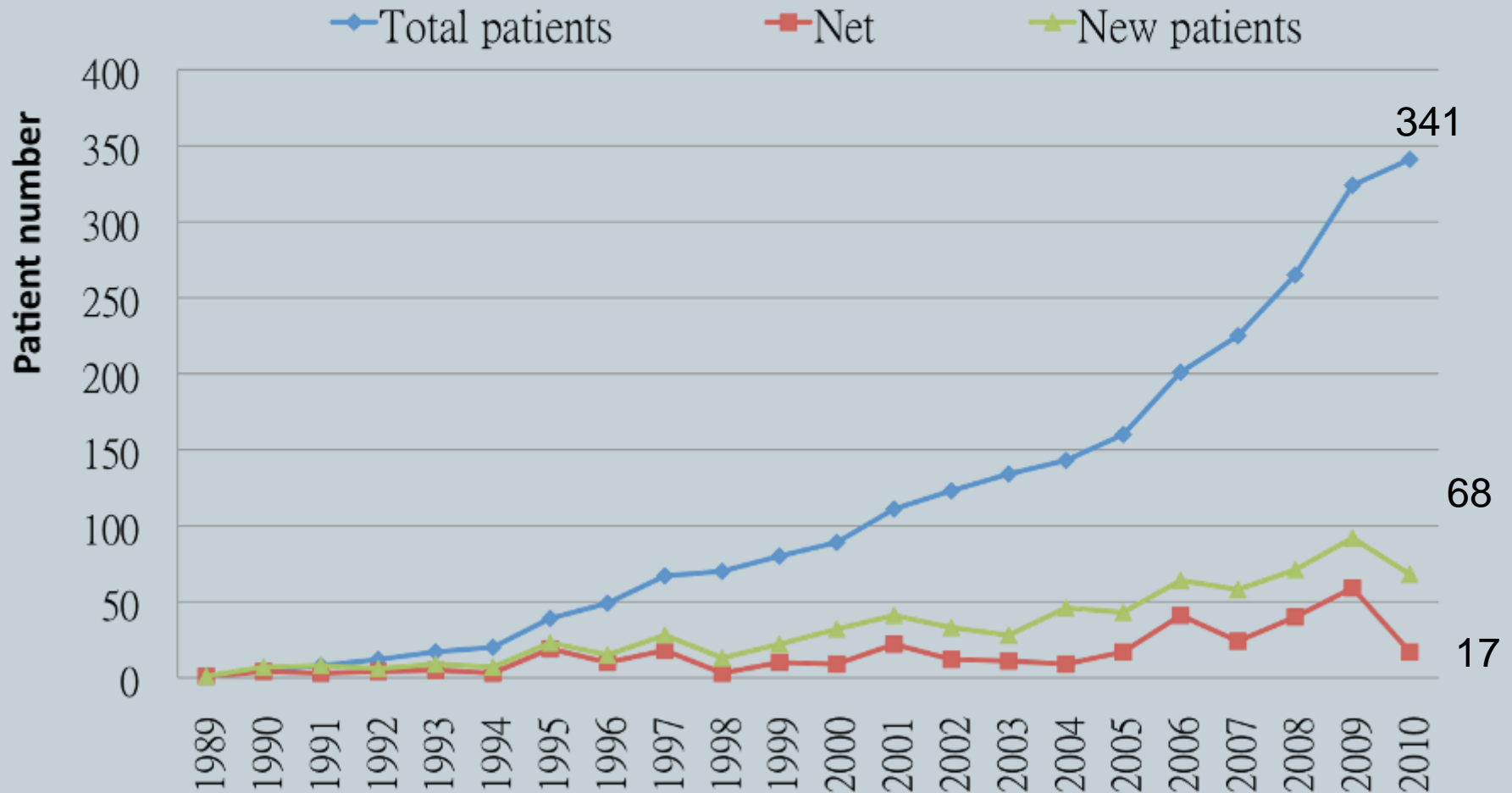


PD nurse : PD p't = 1 : 30

Top 5 PD Centers in Taiwan-2010Q4

Rank	PD centre	No of Patients	Kt/V	Albumin	HCT%
1	LK-CGMH	450	2.11	3.96	32.06
2	NTUH	352	1.82	3.9	30.11
3	K-CGMH	341	2.07	3.78	31.48
4	CMCH	318	2	3.82	31.57
5	VGH	220	1.88	3.78	30.98
Taiwan		6110	2.05	3.8	30.73

Patient Growth



Geographic Distribution of PD patients

n=324

Penghu Islands :
4

Yunlin : 1

Tainan : 13

Kaohsiung :
243

Bingdong :
61

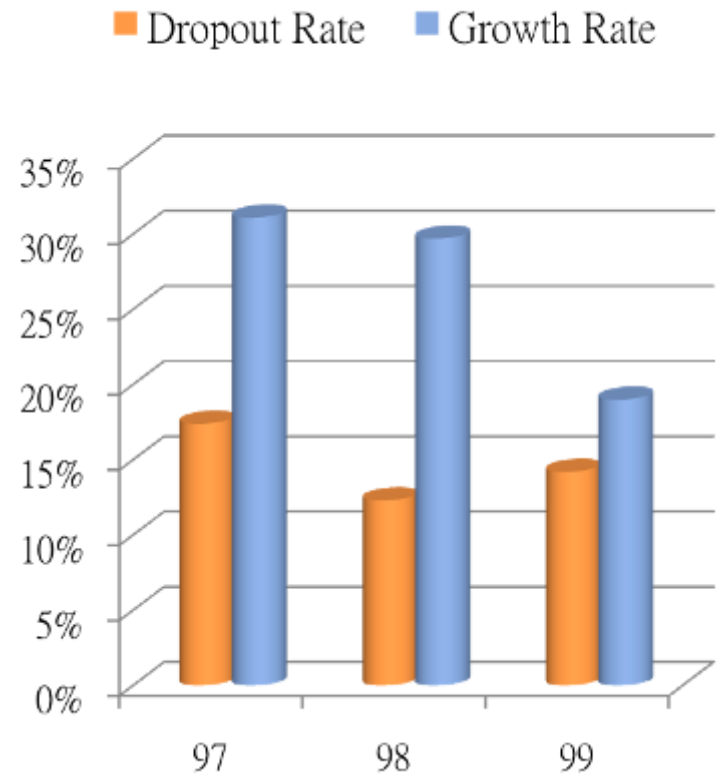


Taitung : 2

PATIENT TENDENCY



Year	97	98	99
Total Patient	265	324	341
New Patient	71	92	64
Trans-in (Hospital)	4	8	5
Trans-out	4	4	8
Discontinuous (CAPD)	26	24	34
Death	6	12	13
Transplantation	6	3	1
Recovery	0	0	0
Dropout Rate	17.4%	12.3%	14.2%
Growth Rate	31.1%	29.7%	19.0%



Driver

strategy

- Aware PD therapy
- Preserve peritoneal membrane function
- Enhance competence in PD care
- Create a value of staff & p't
- Provide a vision

tactics

- CKD program
- Peer review, educational program
- Paper reading, case conference
- Share experience, set up data bank, patients' party
- Plan future target

In-home visit

- Assess
 - Drug compliance
 - PD records
 - Hygiene of residency
 - PD technique
 - Dietary consensus



Results of Home Visit

	Before Mean \pm SD	After Mean \pm SD	<i>p</i> value
Drug compliance	83.3 \pm 22.4	95.2 \pm 13.1	0.006
PD records	95.2 \pm 11.4	96.2 \pm 11.9	ns
Hygiene of residency	92.4 \pm 10.8	87.6 \pm 18.7	ns
PD technique	99.4 \pm 2.4	97.1 \pm 10.4	ns
Dietary consensus	89.3 \pm 14.8	89.5 \pm 17.8	ns

Create the Value of Patients and PD Nurses



- Re-build values of patients
- Life experiences sharing
- Involve p't care in PD unit
- Physical & psychological rehabilitation
- Implant value to PD nurses
- Group sharing meeting
- Leadership encouragement
- Solid support from leaders

Activity for patients

- 2006 Sports meeting
- 2007 Sports meeting
- 2009 Sports meeting
- 2010 Sports meeting



Activity for patients

- 2006 Beijing tour
- 2008 Nutrition Forum
- 2008 Korea tour
- **Totally 50 patients and their families participate**



Activity for patients

- 2009 Transplantation forum
- 2010 PD 300 party



Training Program for Volunteer of PD patients *participate in PD Care*



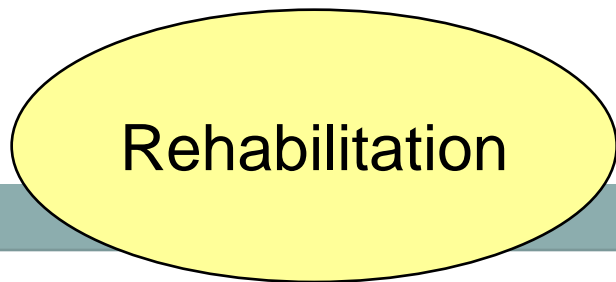
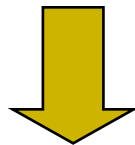
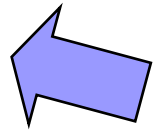
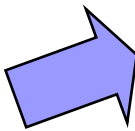
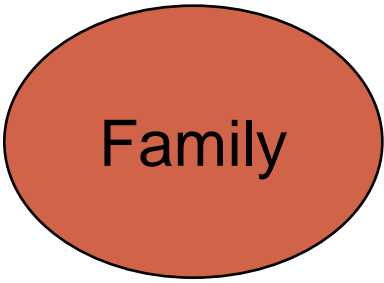
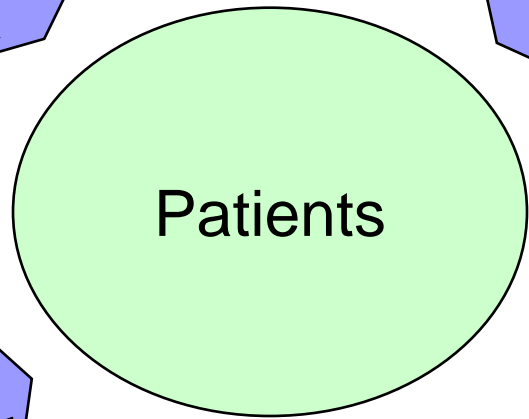
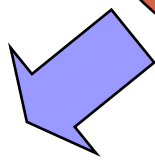
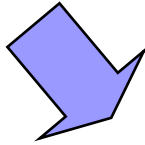
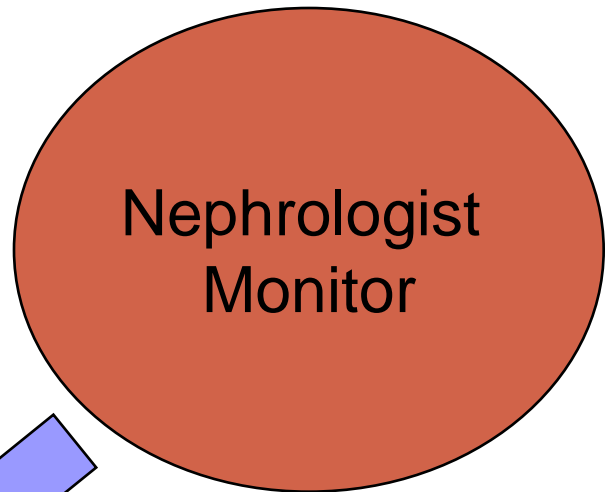
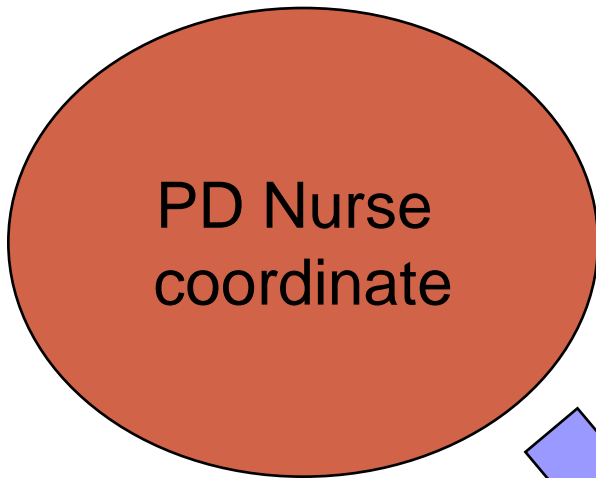
Components of PD Therapy



EASY

DEPENDABLE

END-TO-END



My Vision



Don't let PD become a terrible bargain we have regretfully struck to our patients.

Create a participatory culture !

Acknowledge to My Team Members



Thanks for your listening!

