

Quality Improvement Activities
at Samsung Medical Center

To Prepare "Self Medication" Management
Flow and Protocol


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Samsung Medical Center
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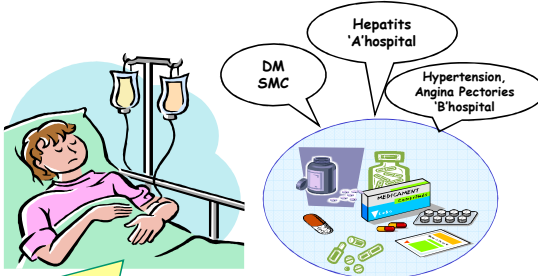
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1 Background



[Inpatient For Stomach Operation]




DM SMC

Hepatitis A'hospital

Hypertension, Angina Pectoris B'hospital

I took all these medicine




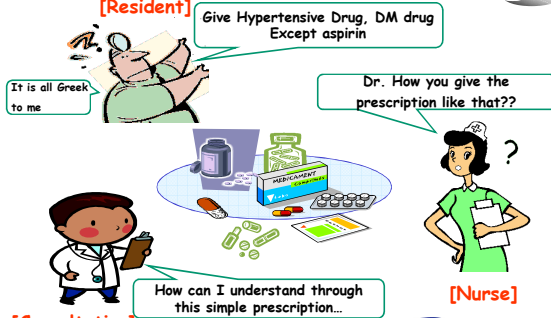
[Resident] Give Hypertensive Drug, DM drug Except aspirin

It is all Greek to me


Dr. How you give the prescription like that??

How can I understand through this simple prescription...

[Nurse]




2 Index and Analysis





No (Self Medication) management guide

The patient has entered hospital with previously taking drugs

- ▶ Potential Medication error
- ▶ Impossible Medication interaction
- ▶ Setback in treatment due to inaccurate drug information




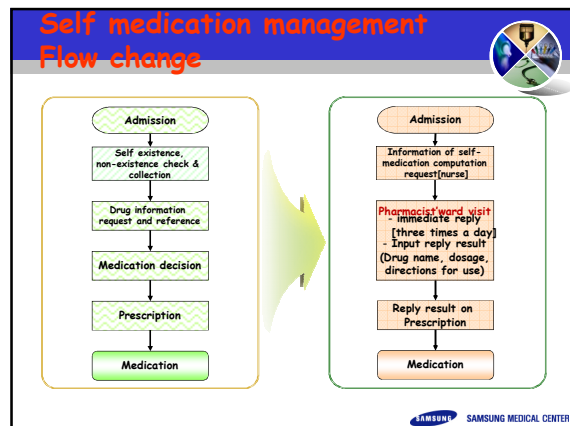
3 Improvement Activities

The principle to manage the self medication

자가투약의무를 관리원칙

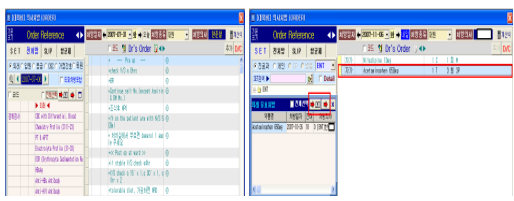
1. 환자 입원 시 투약 이력 확인
2. 투약 이력 확인 후 투약 가능 여부 판단
3. 투약 가능 여부 판단 후 투약 가능 시 투약
4. 투약 불가능 시 투약 불가능 사유 설명


SMIS improvement 1

Check for available outpatient medication during inpatient treatment

Before After



▶ Induction for Doctors

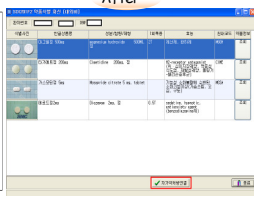


SMIS improvement 2


Connect to the results of treatment response self-medication

Before After

None!



▶ Name of drugs, description of usage, dosage



SMIS improvement 3

Make menu Self-medication prescription

Before

After

▶ Possible for treating doctor to prescribe accurately

SMIS improvement 4

Limitations to self medication

Before

None !

After

▶ Precautions when prescribing drugs (예: 마약류)

SMIS improvement 5

Medical interaction and Double prescription check

Before

None !

After

▶ Possibility of prescription error declined

SMIS improvement 6

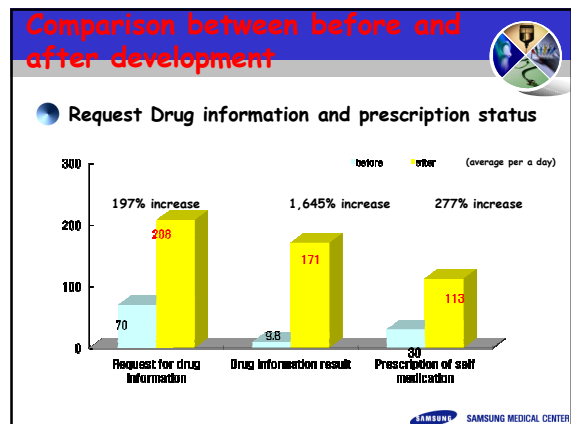
Nurse Acting Check

Before

After

▶ Details of Self medication

4 Results



Resident satisfaction survey

Overall satisfaction: 84.5 point

▶26 Medical ward Residents Unit : number of residents

Questions		Yes	No
Do you know about the new self-medication process?		24	2
Did you ever use a new self-medication process?		21	5
Experience In use	More useful than before?	21	0
	It helps to save time at work?	21	0
	Is it usefully developed?	21	0
	Is the computer screen usefully developed?	19	2
Survey result		Over70%: 17,	50% :3, Below30%: 1

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