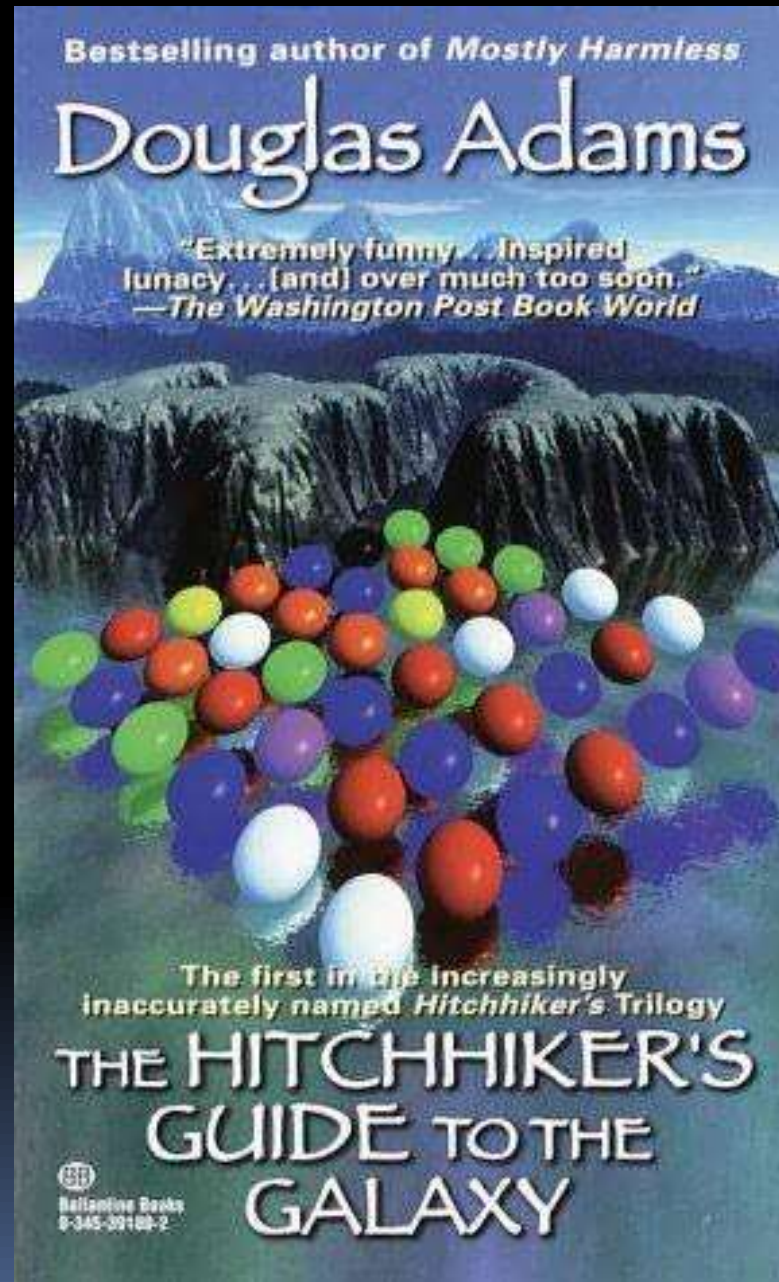


THE PRESCRIBER'S GUIDE TO THE GALAXY

Does this book
foretell the New
Zealand
Prescription
Reimbursement
system?



Judge for yourself

DON'T PANIC





You are here →

Earth, Solar System, Inner Rim of the Orion Arm in the Local Fluff inside the Local Bubble in the Gould Belt, 7.62 ± 0.32 kpc ($\sim 25,000 \pm 1,000$ ly) from the Galactic Center

The Prescription is;

- ★ A legal document
- ★ A permanent record
- ★ A common document

**PRESCRIPTIONS HAVE
RIGHTS TOO...**

A Prescription Must State;

- ★ The right patient
- ★ The right date
- ★ The right drug
- ★ The right form
- ★ The right dose
- ★ The right dose time
- ★ The right route
- ★ The right dose interval
- ★ The right daily maximum
- ★ The right quantity or period of supply
- ★ The right indication (if non-regular)

Most importantly;

- ★ Every prescription must be signed by the prescriber and the prescriber must be identified.

**If it cannot be read,
Has it really been
said?**



Who or What is PHARMAC

- ★ PHARMAC is a product of bureaucracy.
- ★ Produces more bureaucracy.
- ★ Encourages subservient bureaucracies.
- ★ Judges their subjects bureaucratically.
- ★ Creates work = bureaucracy

What did PHARMAC ever give me?

The Pharmaceutical
Schedule, and...

The Special Authority
Number!

**PHARMAC do
bureaucracy, so do
the...**





PHARMAC Had a Big Problem

Was it:

- A. The volume of prescriptions.
- B. Socio-economic issues in prescribing.
- C. Differing prescribing habits of practitioners.
- D. Expensive brand-name products against cheaper generics.
- E. All of the above.

Answer: None of the above!

Paperwork!

- ★ The paperwork must be in order because!

- ★ Just BECAUSE!

- ★ Well, actually there is a rather large amount of money involved.

PHARMAC Needed a Cunning Plan

- ★ How to get the paperwork in order without a massive investment in staff, training, chairs, desks, pens, paper and other disposables, computers, team leaders, supervisors and managers?

The Cunning Plan

- ★ The Pharmacist can check the paperwork!
- ★ Reimbursement contingent on completion!
- ★ Costs HealthPAC and PHARMAC nothing!

Now That's Genius!





No NZMC number on prescription!

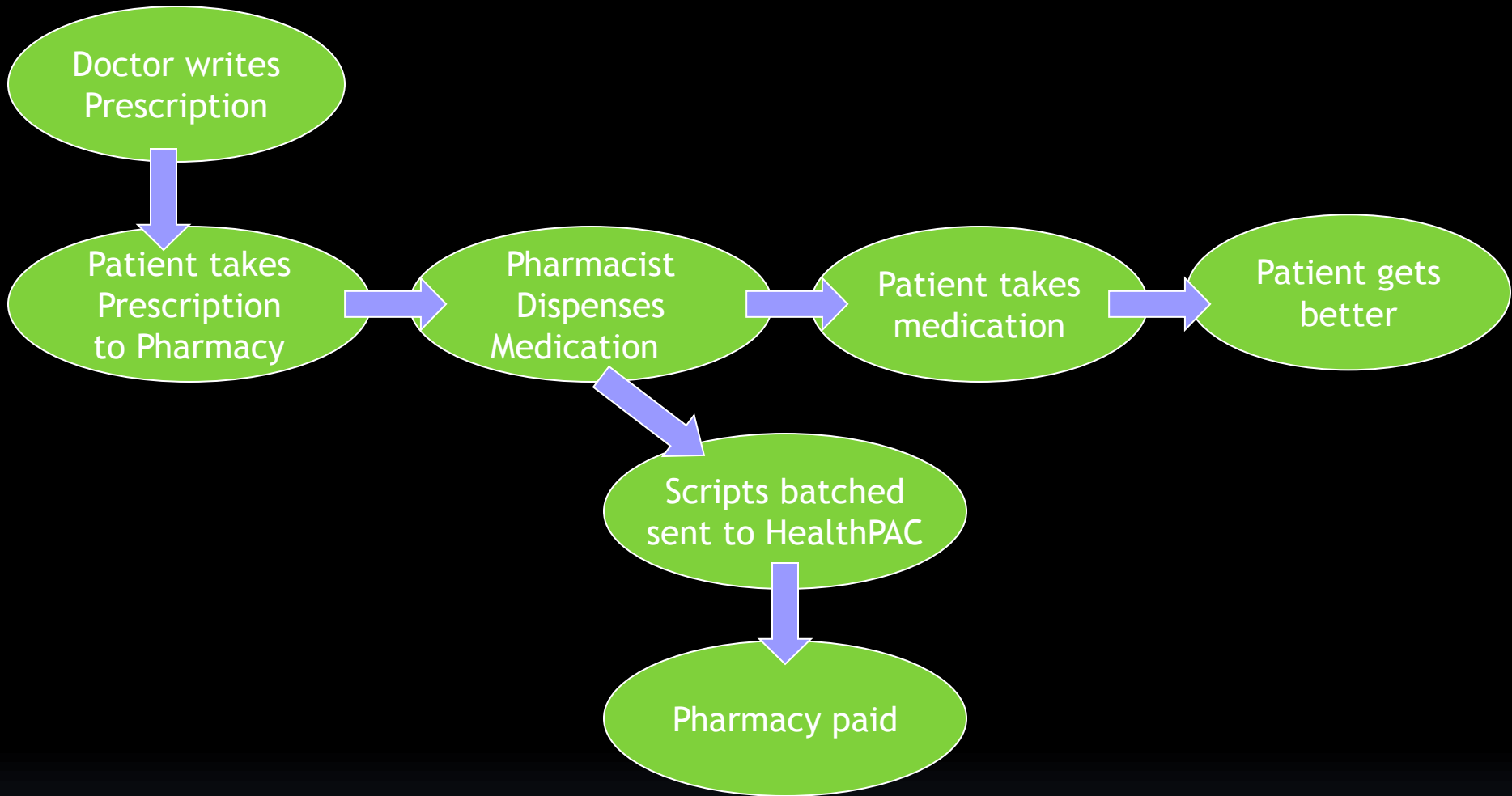
This prescription is not correctly endorsed!

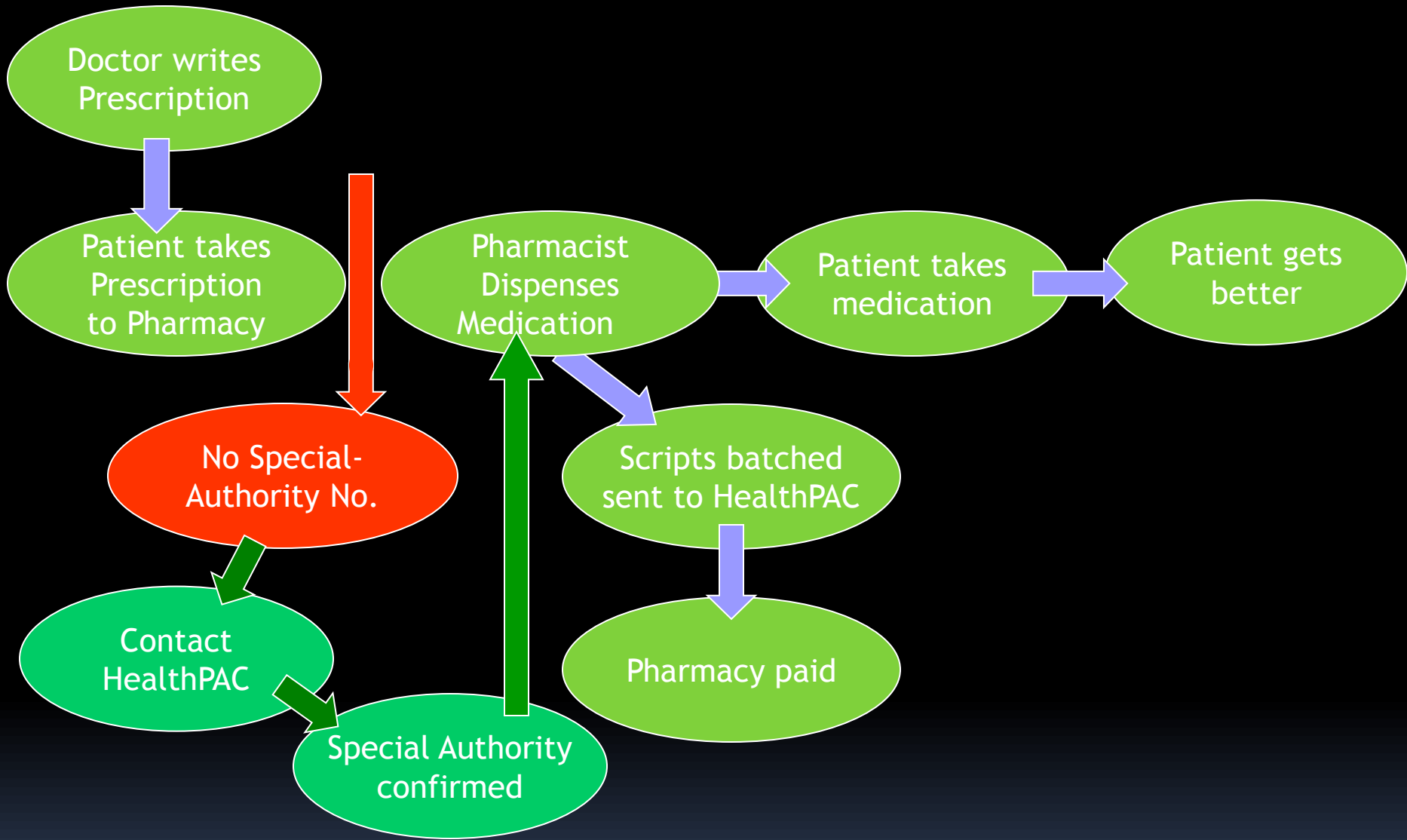
Close Control endorsement not signed!

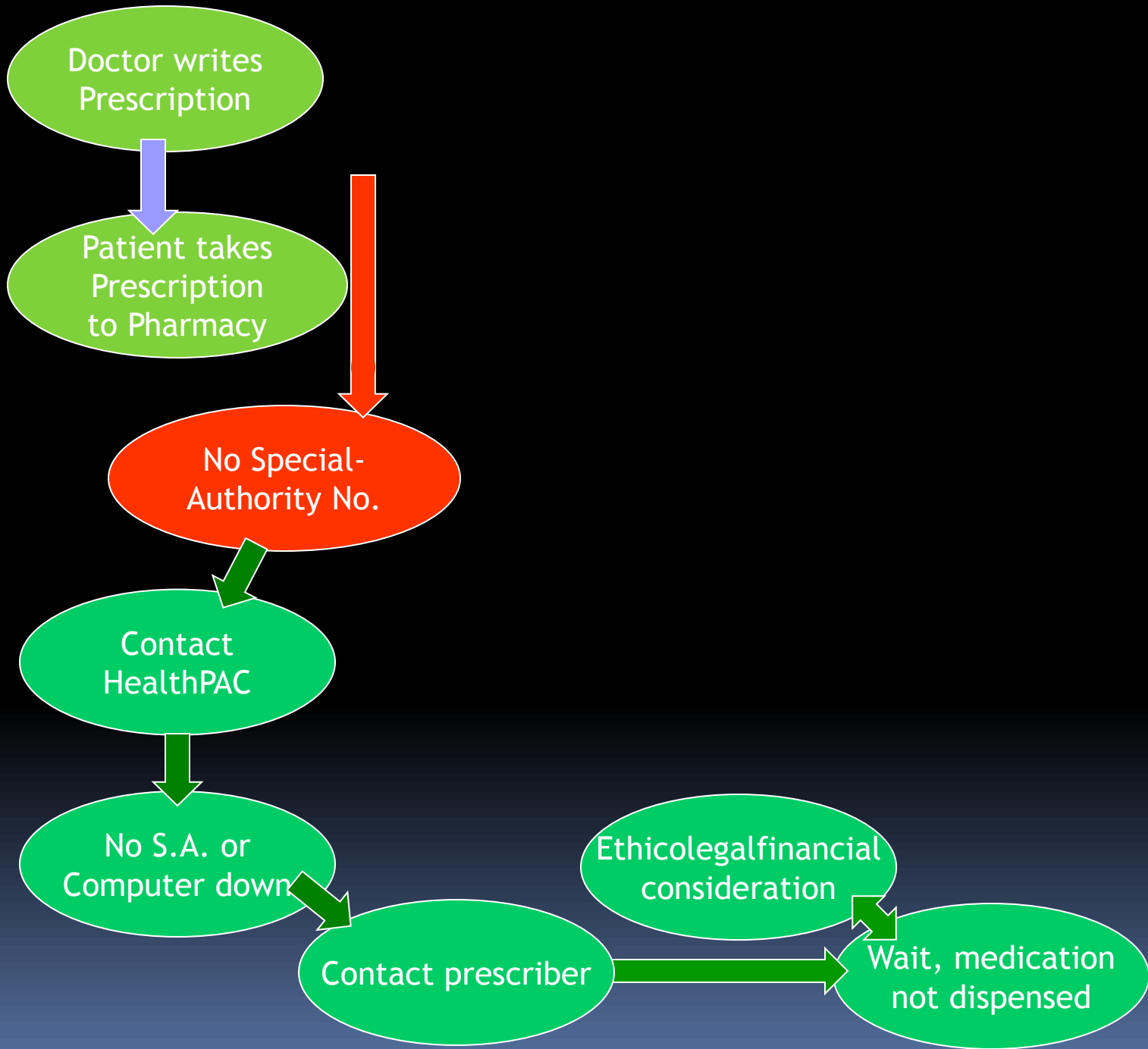
Patient not identified!

No special authority number

SA Expired!



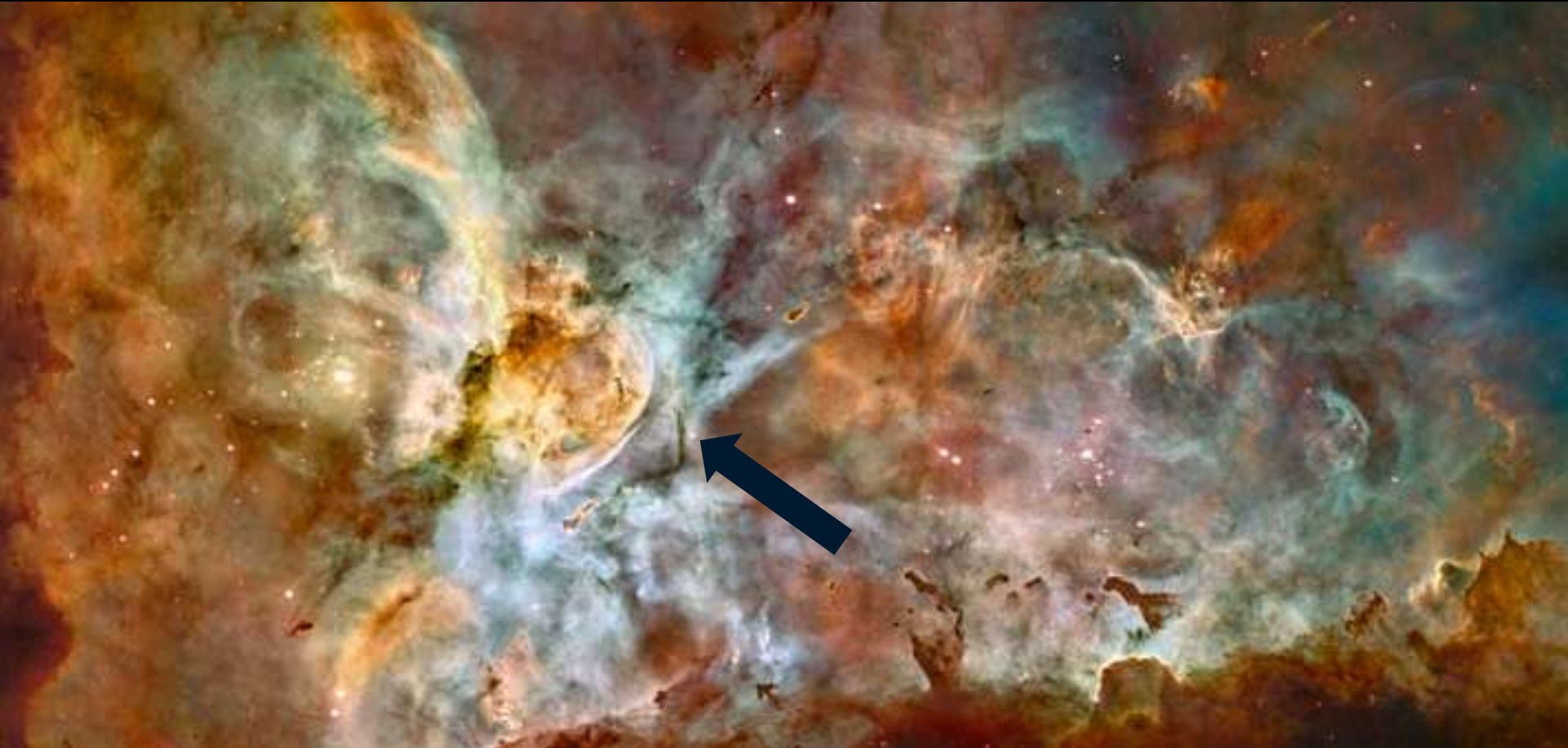




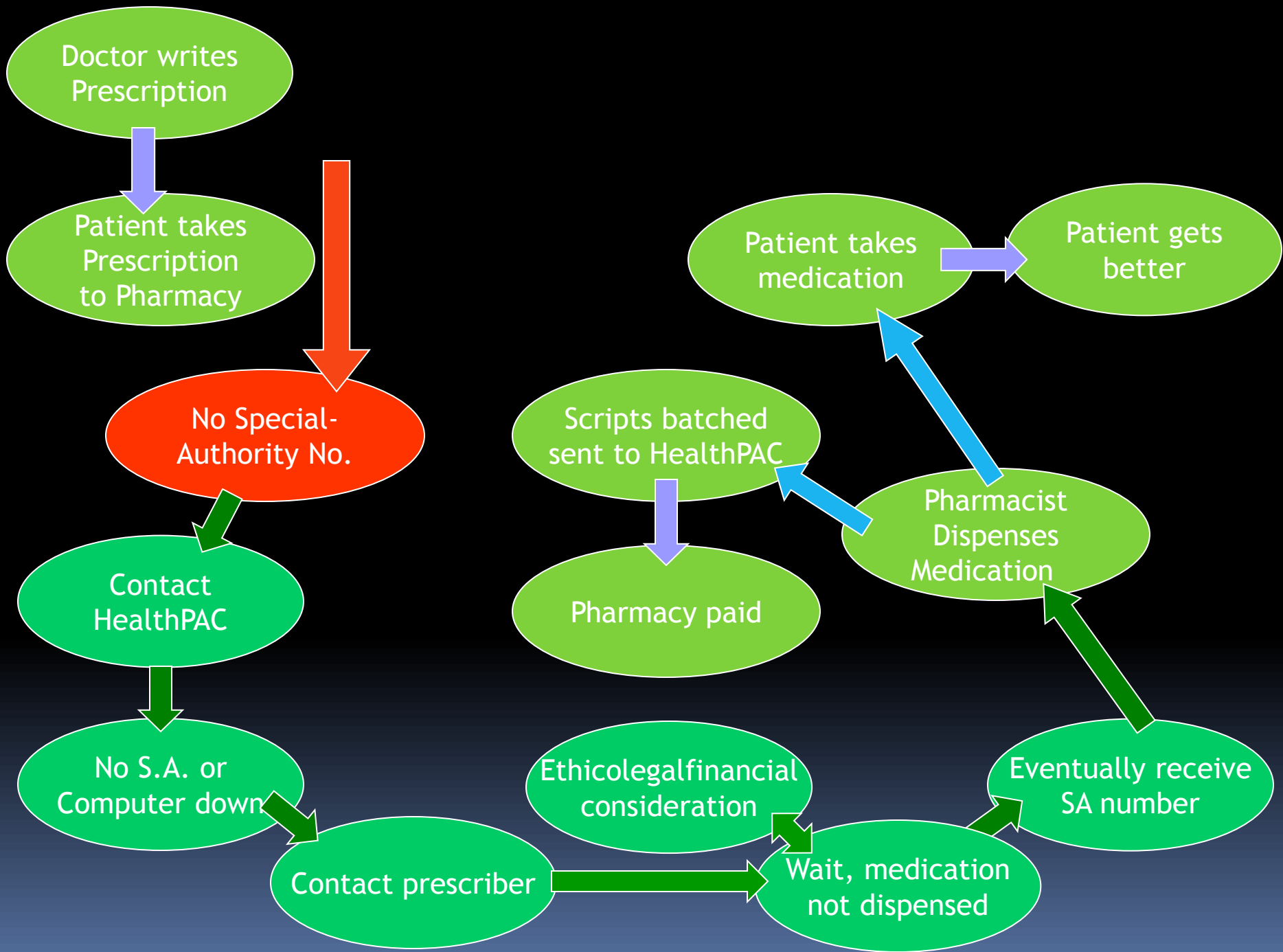
**I bet that takes a
long time!**

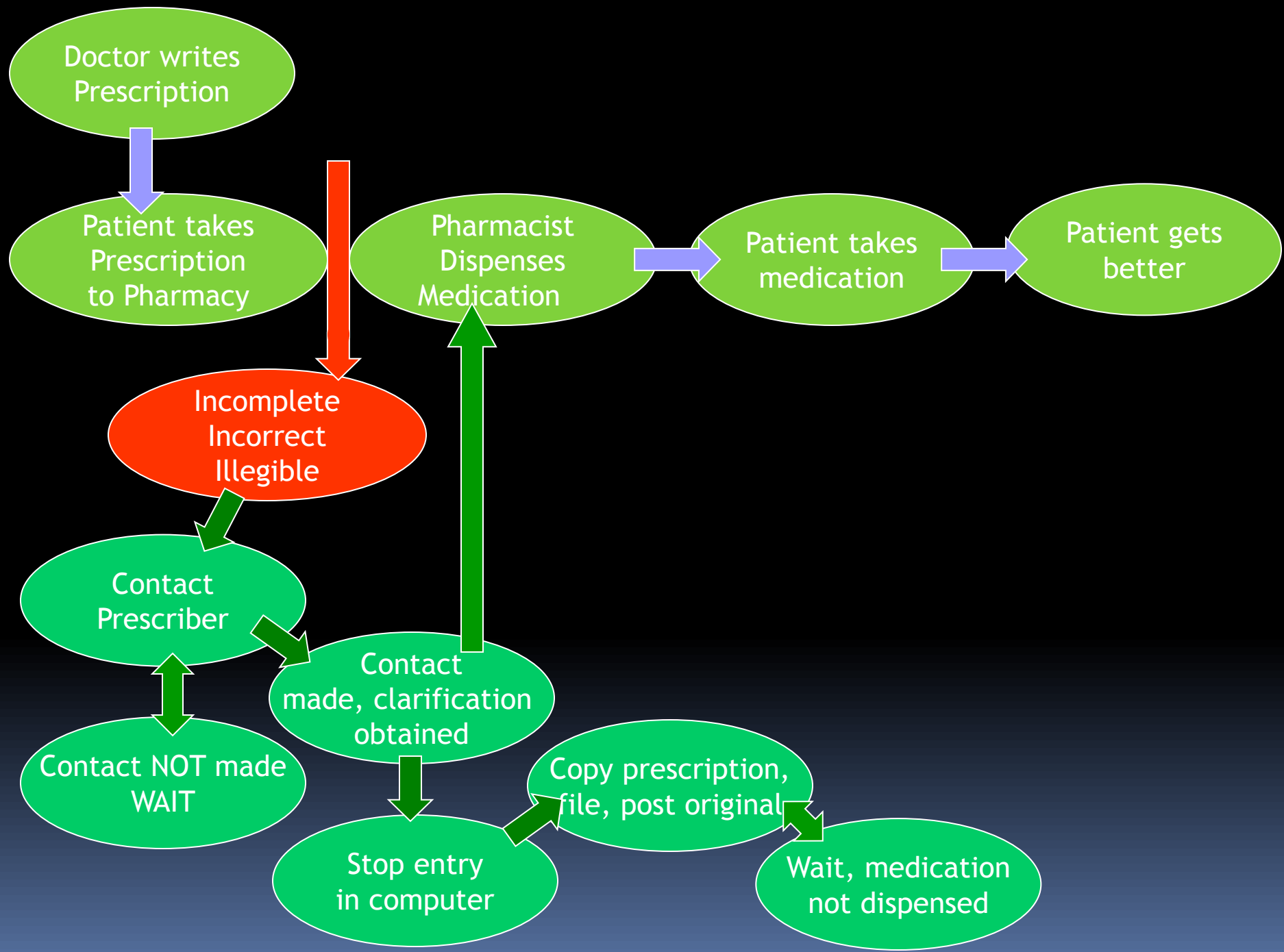


Well it varies...



Eta Carinae in the Carina Nebula 7500_{LY}





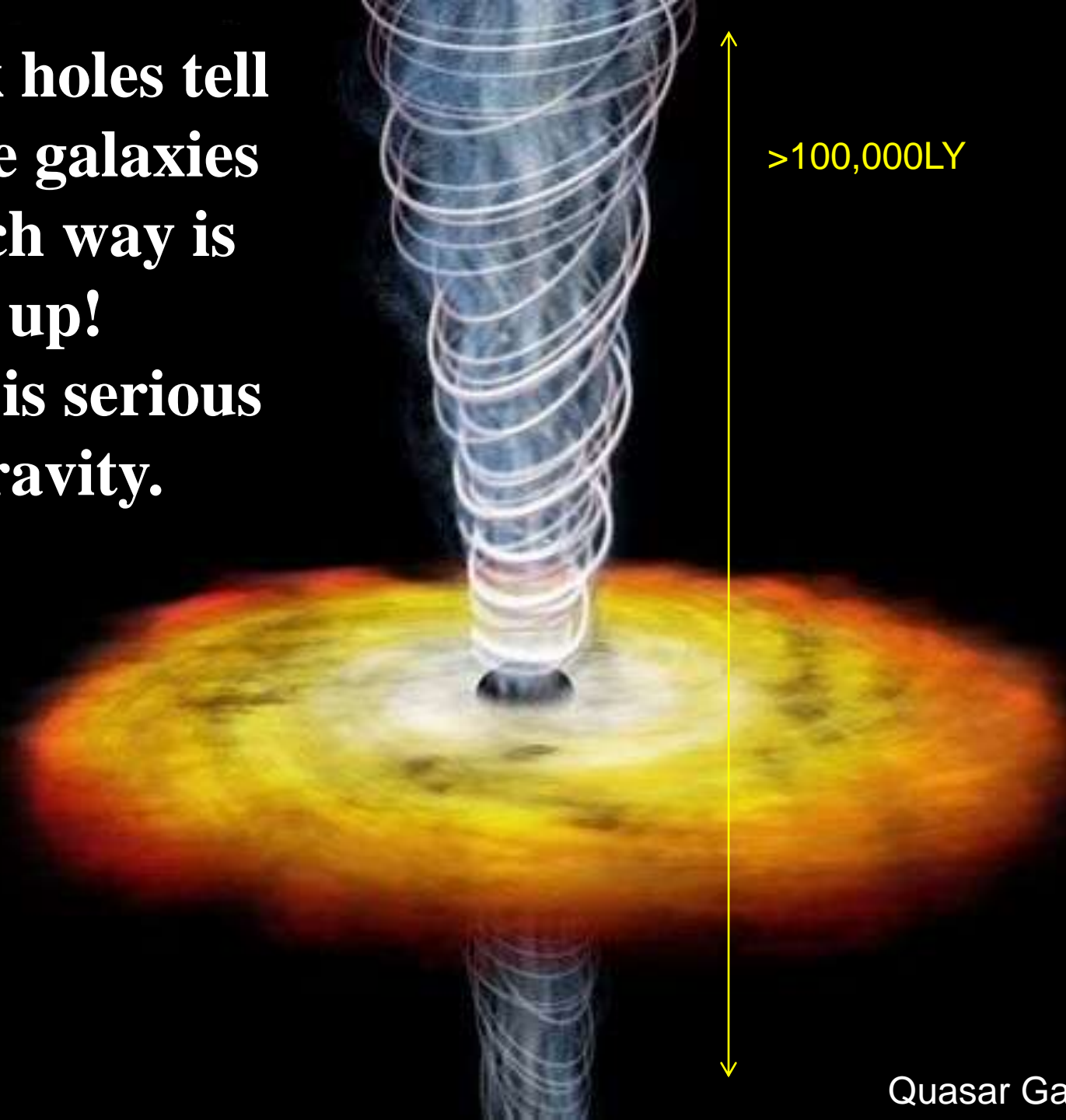
**BLACK HOLES DON'T
SUCK!**



To Suck

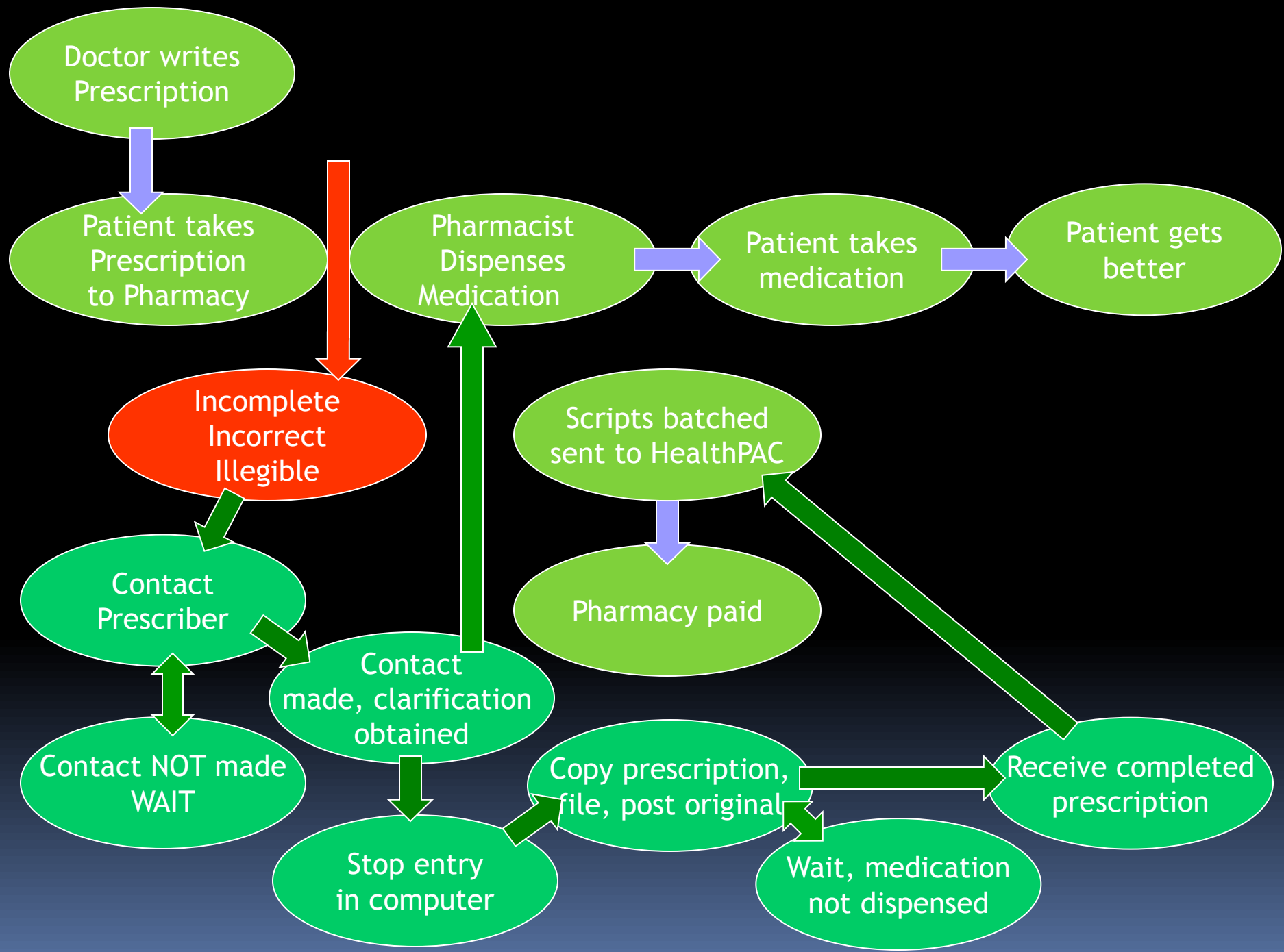
- ★ **Verb; to suck** (*third-person singular simple present **sucks**, present participle **sucking**, simple past and past participle **sucked***)
 1. To use the **mouth** to pull in **liquid** substances for ingestion or to perform a similar act on solid material without **ingestion**.
 2. Used to describe the effect of negative pressure allowing atmospheric pressure to push air in, as occurs with breathing, drinking and vacuum cleaning.
 3. (**colloquial**) To be **inferior** or **objectionable**: a general term of disparagement, sometimes used with *at* to indicate a particular area of deficiency.

**Black holes tell
whole galaxies
which way is
up!
That is serious
gravity.**

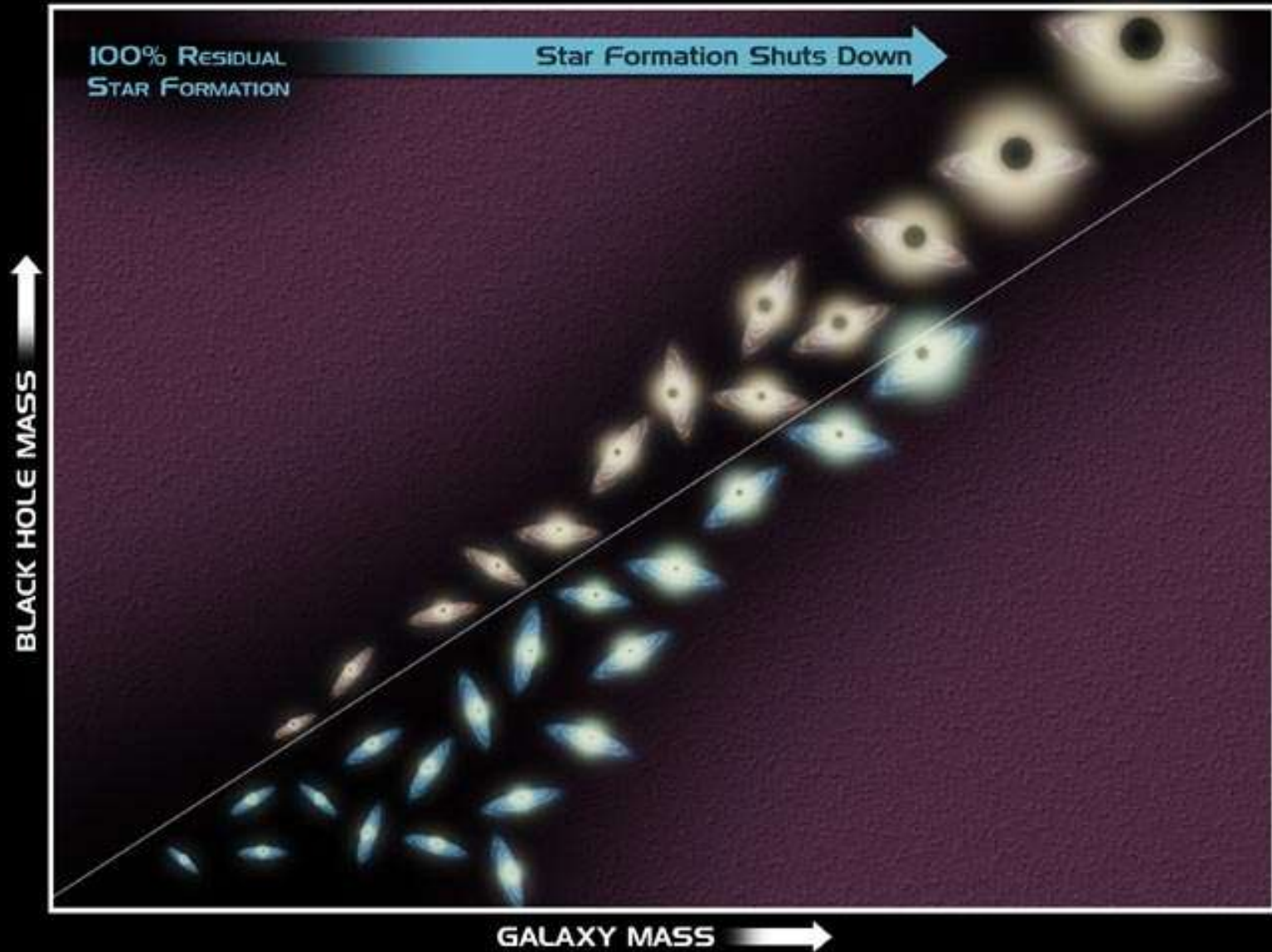


>100,000LY

Quasar Galaxy 12BLY



In fact: the bigger the black hole the less star formation in your whole galaxy!



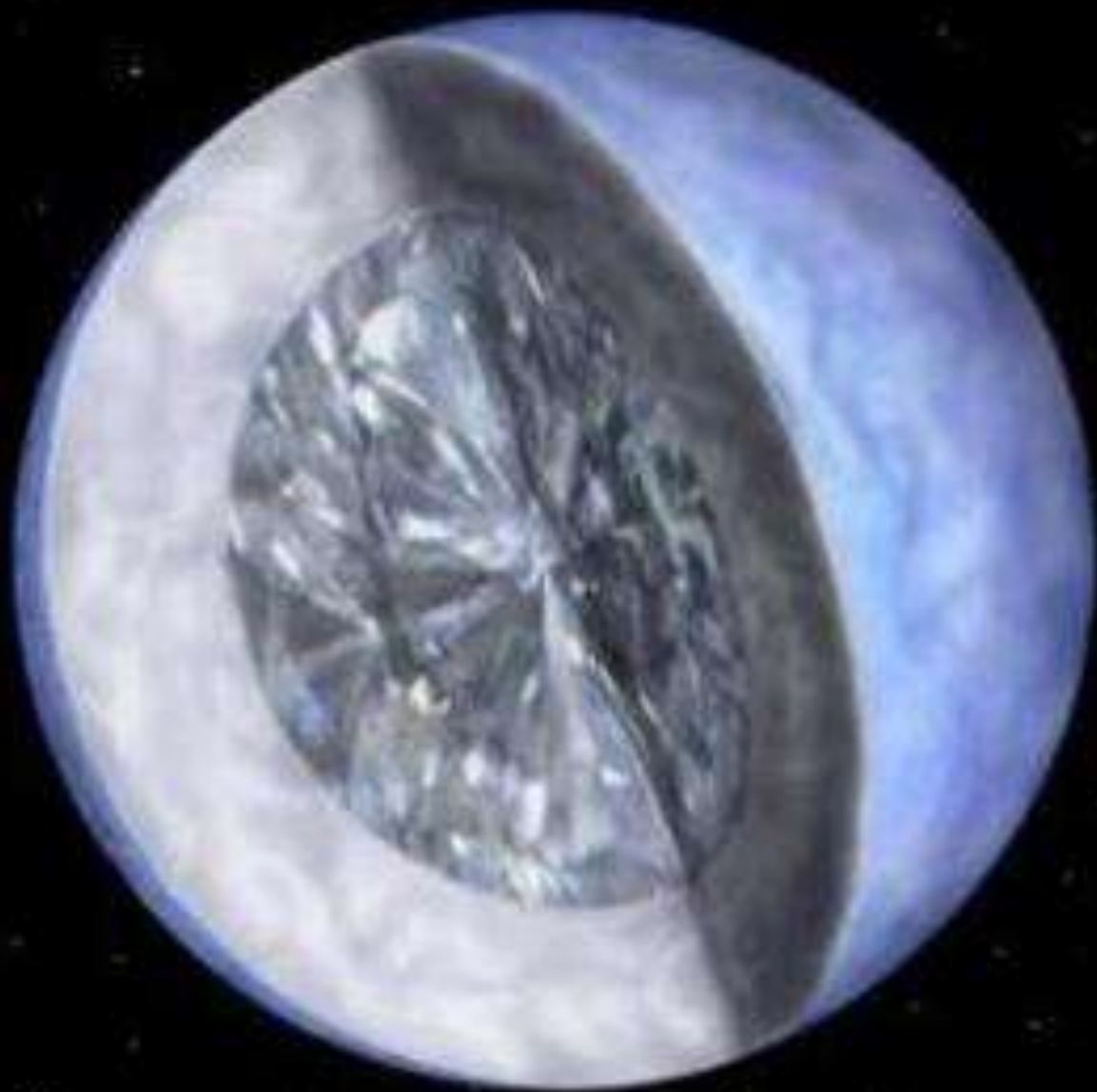
Similarly the bigger your black hole the less reimbursement for the pharmacy!

**I guess that happens
all of the time.**



Not So FAQ:

- ★ How often would this occur?
 - ★ Up to 20-30% of GP prescriptions (40/126)
- ★ How long does it take to sort each problem out?
 - ★ At least 10 minutes, maybe an hour or so, usually spread over several weeks!
- ★ Does the dispensing fee cover this? ★ No.
- ★ Is there any reimbursed for any of this? ★ No.
 - ★ Patients & DHB don't like pharmacies charging extra.



BPM37093 dia=2500mi 10BTTC (1×10^{34}) 50LY Centaurus

Problems with Prescriptions

- No patient stickie or patient not identified.
- No date.
- Doctor not identified.
- No patient address.
- Only the top copy of Controlled Drugs prescription.
- Pre-signed prescriptions for admin clerk to complete.
- Prescriptions with full 3-month total and endorsed cc with or without signature, hundreds of them!
- Medication changes on discharge summary not explained or not all regular meds on the discharge summary.
- Patient gets blister packs but not endorsed cc.
- No Special Authority number or SA expired.
 - Is so bad that pharmacies phone HealthPAC every time if SA number not on their file rather than doctor.

Pin 6210

Frusumide 40mg Tab

Sig: 2 tabs, Once Daily
Mitte: 180 tabs

SA

SA

Warfarin Sodium 1mg Tab

Sig: 3.5-4mg once daily as per INR
Mitte: 360 tabs
(Generic Substitution Allowed)

SA

SA

Digoxin 250mcg Tab

Sig: 1 tabs, Once Daily
Mitte: 90 tabs
(Generic Substitution Allowed)

SA

Allopurinol 300mg Tab

Sig: 1 tabs, Once Daily mane
Mitte: 90 tabs
(Generic Substitution Allowed)

SA

Omeprazole 40mg Cap

Sig: 1 caps, Once Daily mane
Mitte: 90 caps
(Generic Substitution Allowed)

SA

Recommended By:
Date Endorsed:

Enalapril Maleate 10mg Tab (blister pack 30 x 17)

Sig: 1 tabs, Twice Daily
Mitte: 180 tabs
(Generic Substitution Allowed)

SA

Diltiazem Hydrochloride 90mg Sustained Release Cap

Sig: 1 caps, Twice Daily
Mitte: 180 caps
(Generic Substitution Allowed)

SA

SA

Three month supply is indicated but so too is close control.

Because both are on this prescription there is doubt, despite the fact the patient may get blister packs. HealthPAC says dispense all at once if there is any doubt.

This endorsement is actually cc followed by the doctor's initials. The pharmacy has confirmed this with the prescriber previously

C Discharge Prescription

Hutt Hospital

Item Count

6

Does patient have Prescription Subsidy Card?

Circle one from each line

Y A O

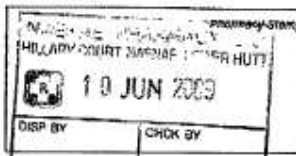
1 3 4 *mg*

Z (Circle if patient has High Use Health Card)

(Locater's Name)

OWER HUTT 6011.

DR



Period Qty Disp. Dispensing Date of Repeat Pharmacist Initials

✓	Rx: Omeprazole Sig: 20mg PO mane Mitte: 3 months	90 DUR 7789640 10 Jun X A4 ss	S	1st		
				2nd		
				3rd		
H ✓	Rx: Ferrous sulphate Sig: 325mg PO mane Mitte: 3 months			1st		Dear [redacted] We have not yet received the original of this faxed prescription. We need the original copy in order to claim for what we have dispensed. Please countersign this faxed copy and POST to Naenae Pharmacy Many Thanks Jo
			2nd			
			3rd			
H ✓	Rx: Calcium carbonate Sig: 1.25g PO tds With meals Mitte: 3 months			1st		
			2nd			
			3rd			
✓	Rx: Isosorbide mononitrate Sig: 80mg PO nocte Mitte: 3 months	90 DUR 7789640 10 Jun X A4 ss	S	1st		
				2nd		
				3rd		
✓	Rx: Allopurinol Sig: 100mg PO mane Take on alternate days Mitte: 3 months	48 ALLO 7780570 10 Jun X A4 ss	S	1st		
				2nd		
				3rd		
H ✓	Rx: Aspirin Sig: 100mg PO mane Mitte: 3 months			1st		
			2nd			
			3rd			

Signature of Prescriber _____ Date 10/06/2009

Total of six items that cannot be claimed until the original prescription is received or this copy is signed by the prescriber.

Stoke's Valley



Date of Birth if client under 13
/ /

548780

	Period Quantity	Disp.	Dispensing Date of Repeat	Pharmacist Initials
R Valtaren 75mg 2x daily for 5 days	Dicl, 7 661858/0 25Apr09 A4s	1st		
		2nd		
		3rd		
R pencdol 1x box	Para, 5 661859/0 25Apr09	1st		
		2nd		
		3rd		
R Microlax enema x 1.	MICR, 5 661860/0 25Apr09 A4	1st		
		2nd		
		3rd		

A box of 12, 20, 50, 100, 150 or 15000?

Generic substitution permitted unless product name underlined

Rx

HFA

13 May 2009

Dispense stat list medicines once only unless endorsed close control

Azithromycin 500mg Tab

Sig: 2 tabs, Immediately and same for partner
Mitte: 2 Original Pack

That would be another prescription doctor

Limit ONE
box per
prescription

Needs endorsement 'Certified Condition'

Valley

Maximum TWO items per form please

1 mg methylphenidate SR
none for 3 weeks

No Special Authority Number so
the pharmacy got it

73610418 06/10

Methylphenidate 25mg daily
for 1 week

Methylphenidate 20mg daily
for 1 week

Methylphenidate 10mg daily

Practitioner's Signature: _____

Please use rubber stamp on all copies

Registration No

Methylphenidate is not available in 1mg presentation. Methylphenidate SR is only available in 20mg tablets.

Concurrently with the 1mg SR or subsequently?

Say what?

Colchicine 500mcg Tab

Sig: paranoied

Mitte: 12 tabs 2 Repeats

(Generic Substitution Allowed)

Maximum TWO items per form please

Pharmacy use

MORPHINE SULFATE THIRTY MILIGRAM
SUSTAINED RELEASE TABLET (30mg SR tabs)

T̄ PO BD

MITTE: SIXTY TABLETS (60 tabs)

MORPHINE HYDROCHLORIDE FIVE
MILIGRAM PER MILLILITRE SOLUTION
(5mg/ml)

5m po prn up to Q 2hly

MITTE: ONE HUNDRED MILLILITRES
(100ml)

5 mg or mL

Nurse copied last script & Dr signed

06/10
A4s

Progynova 1mg Tab

Sig: ~~Weeks 1&2 - 1 tablet alternate days,~~
~~Weeks 3&4 - 1 tablet daily~~
~~Weeks 5&6 - 1 tablet alternating with 2 tablets daily~~
Week 7 on - 2 tablets daily *Established dose of 2 daily!*

Mitte: 140 tabs

140PROC
908099/0
27Jul10 <
A4s

Metformin Hydrochloride 500mg Tab

Sig: ~~1 tab, Once Daily for 2 weeks then increase to bd~~
1 bd established dose

Mitte: 180 tabs

Deletions added by pharmacy

Prednisone 20mg Tab

Sig: 2 tabs, Three Times Daily

Mitte: 18 tabs

Should be Two tablets daily for Three days

Pamol Double Strength Colourfr 250mg/5ml Susp

Sig: As Required

Mitte: 300 mls

And the dose is?

24kg child weighed in phcy = 7mL

Rx: Prednisone
 Sig: 30mg po od
 Mitte: ongoing

1st
 2nd
 3rd

500 capsules?

Patient told treat for one week

Period
 Quantity

Rx: Amoxicilin Cap 500 mg
 Sig: tds finish the course
 Mitte: 1 OP

AMOXI 500MG
 P.220710

200mg TI QID

Rx: Ibuprofen Tab 400 mg
 Sig: qid/PRN with food
 Mitte: 50 tabs

100

Phoned urgently to check Q & Dr busy => never rang back so went with patient's recommendation of 1/52

2nd		
3rd		
		100Ibup 907323/0 23Jul10 A4 s

Hydrocort 1% Oint
 Mitte: 200 g

Where and how often?

GMS: Y4

DOB: 16 Aug 2005

Rx

HFA

Dispense stat list medicines once only unless endor

Amoxycillin 125mg/5ml Oral Susp

Sig: 6 mls, Three Times Daily

Mitte: 126 mls

Paracetamol 120mg/5ml Oral Susp

Sig: As Required

Mitte: 300 mls

And the dose is?

21kg child weighed in phcy = 13mL

Atorvastatin Calcium 40mg Tab

Sig: 1 tabs, Nocte

Mitte: 90 tabs

(Generic Substitution Allowed)

Candesartan Cilexetil 8mg Tab

Sig: 1 tabs, once daily

Mitte: 90 tabs

Special Authority numbers!

Authority No:

Expiry Date:

28Jul10
X4 s

Cefaclor Monohydrate 125mg/5ml Oral Susp

Sig: 5 mls, Three Times Daily
Mitte: 105 mls

~~**Amoxicillin 125mg/5ml Oral Susp**~~

~~Sig: 3 mls, Three Times Daily
Mitte: 63 mls~~

*This A/B
not meant to
be prescribed*

*Phoned Dr
to confirm
regimen with 2 A/Bs
NO - only
Cefaclor*

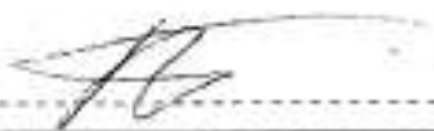
105Ceta
88672010
29Apr10
Y4

63Amox
88672110
29Apr10
Y4

Oxycodone, Ten milligrams orally twice daily.

Refill: One month
20120720

Practitioner's Signature: _____



Please use rubber stamp on all copies

Registration No

Practitioner's Name: _____



① 895150/1
20x 10mg D&E
R 3/6/10.

Stock already taken B4 error identified from discharge summary

STOPPED

REPEATS,

Rx was meant to be

Oxycodone.

UK

PHARMACY

**These prescriptions
are trouble, rather
like...**







Phobos 17mi 8hr 3600mi (250,000mi)

Incomplete

Incorrect

Illegible

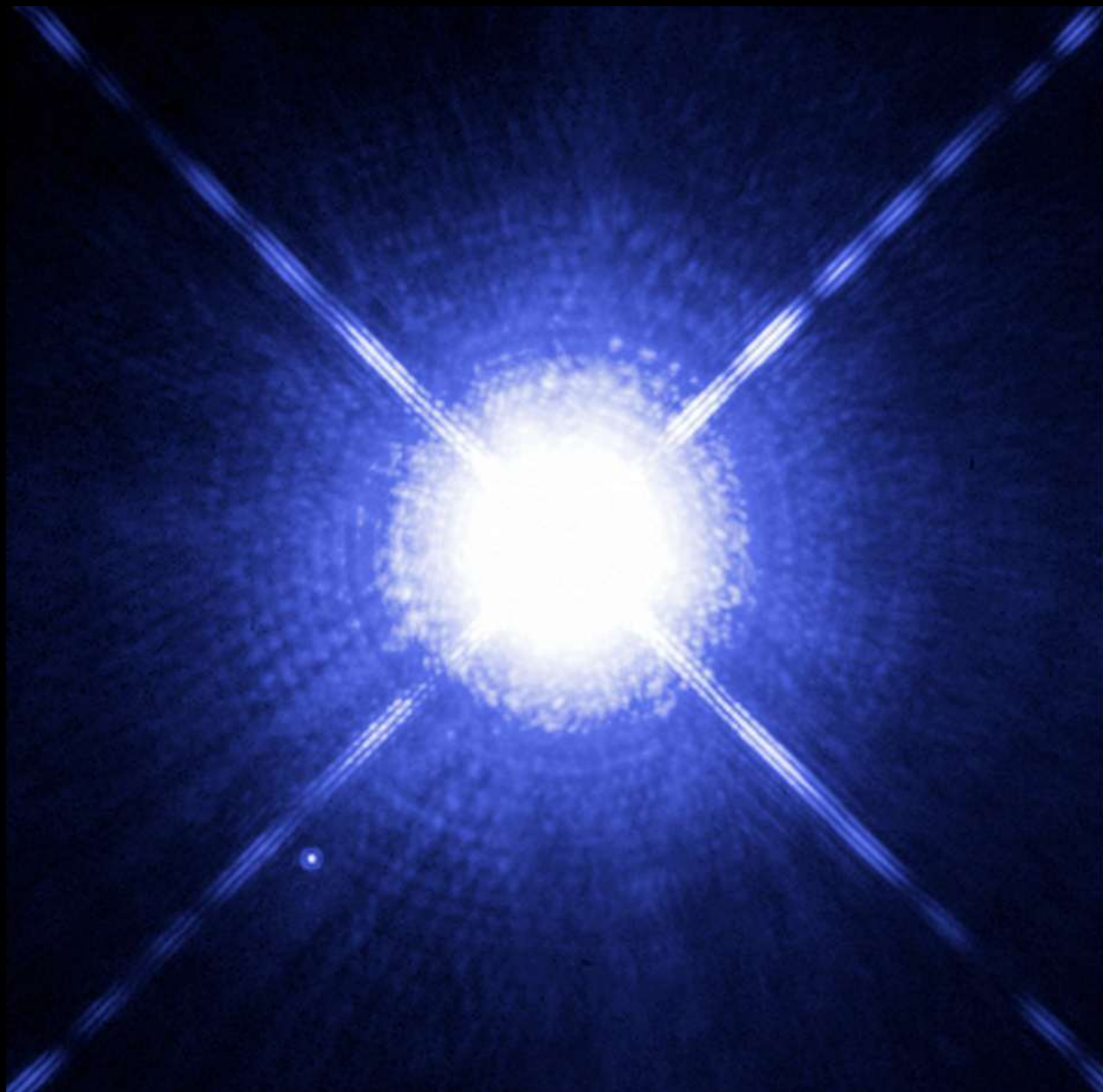
III TO AVOID

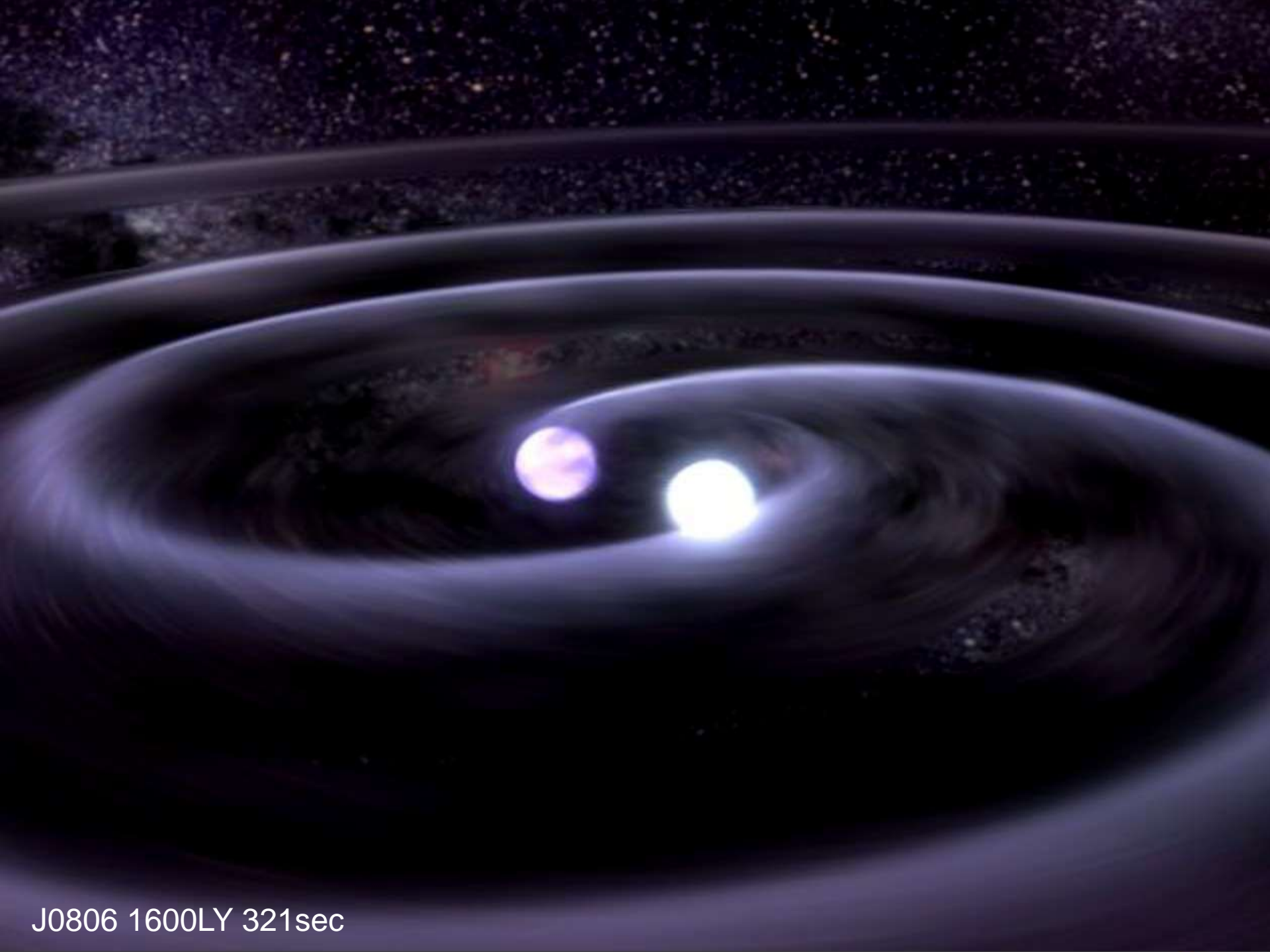
What is Needed?

- ★ Discharge prescription software must link with MIMS and the Pharmaceutical Schedule.
- ★ Generate Special Authorities online
Currently:
 - ★ GP >60% : <30% HVDHB Specialists
- ★ A LITTLE ATTENTION TO DETAIL.

**We could
work together**







J0806 1600LY 321sec