



Guy's and St Thomas' **NHS**
NHS Foundation Trust

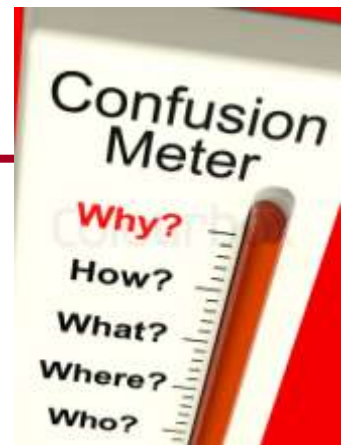
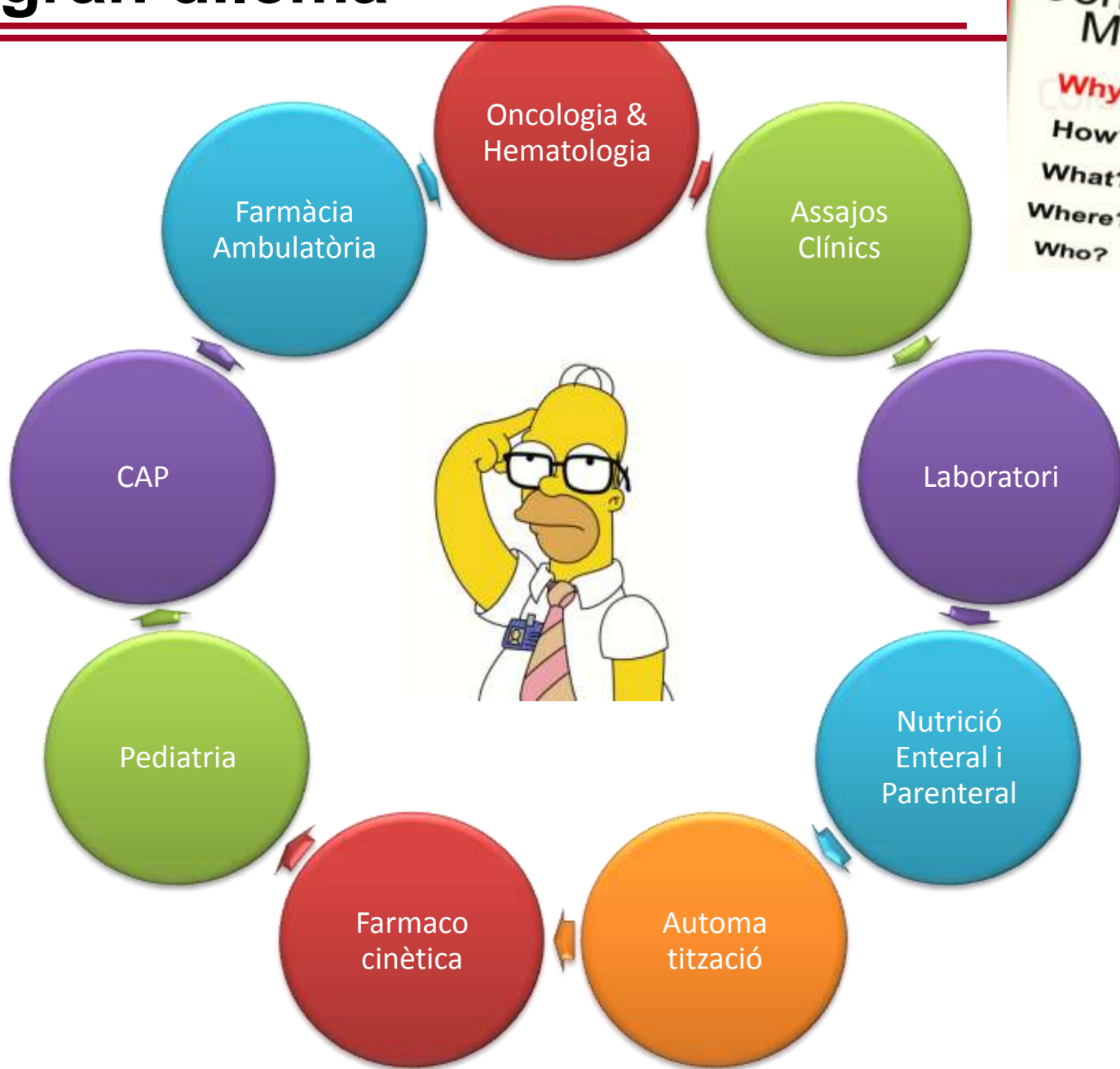
King's College Hospital **NHS**
NHS Foundation Trust

Atenció Farmacèutica en Pediatria

Maite Bosch Peligero

Farmacèutica Especialista en Farmàcia Hospitalària
Hospital Germans Trias i Pujol

El gran dilema



2 Beques

SCFC



4.000 €

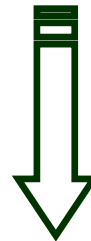


SEFH



Beca per a la realització d'estades
d'ampliació de coneixements

Beca de Ampliación de estudios



Atenció Farmacèutica en Pediatria

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1. DESCRIPCIÓ DEL PROJECTE REALITZAT

Foundation in Paediatric Pharmaceutical Care

- Masterclass
- 4 dies
- Farmacèutics de l'*Evelina Children's Hospital*



Paediatric Pharmaceutical Care

- Mòdul pràctic, 15 crèdits
- 6 setmanes (2 + 4)
- Màster *Postgraduate Pharmacy Program* de la universitat *King's College London*
- Farmacèutics de:
 - *Evelina Children's Hospital*
 - *King's College Hospital*
 - *King's College London*

2. *Evelina Children's Hospital*



COMPLEX *Guy's and St Thomas' Hospital* (1100 llits)

- *Guy's Hospital*
- *St Thomas' Hospital*



Evelina Children's Hospital

140 llits (20 PICU, 40 NICU: 18NICU+24SCBU, 42 General, 22 Nefro i Uro, 40 Neuro + Cardio + Metabolics) i 5 quiròfans

Diagnòstic d'Imatge amb RNM, Raigs X i aparells d'Ultrasò

Unitat de Diàlisi Renal (7)

Pacients Ambulatoris, Hospital de Dia (10), Escola

Servei de Farmàcia: 16 membres (11 F, 4 T i 1 AF).

No PEA. No HC electrònica. Només bioquímica informatitzat

3. King's College Hospital

Hospital universitari

950 llits

7.000 treballadors, població de 700.000 habitants



Pediatria: Fibrosi Quística, Servei d'Hepatologia i Trasplantament de fetge, Neurologia (11) i Neurocirurgia (10), Oncologia i Hematologia (unitat regional de talassèmia i anèmia de cèl·lules falciformes), Nounats (12 NICU, 6 HDU, 12 Special care), Maternitat (50), Ginecologia (24), PICU (8), HDU (8),

Servei de Farmàcia: 3 plantes, robot de dispensació, subministra >650.000 especialitats farmacèutiques/any, elabora >20.000 preparats estèrils/any (QMT i NPT), aprox 150 treballadors (70 farmacèutics + 80 tècnics). 5 farmacèutics per pediatria. Implantació de PEA en marxa.

4. CRONOGRAMA



Setmana 1 15 th October 2012	DILLUNS	DIMARTS	DIMECRES	DIJOUS	DIVENDRES
MATÍ	Introducció i benvinguda	UCI Neonatal	UCI Neonatal	UCI Pediàtrica	UCI Pediàtrica
TARDA	Visita guiada de l'hospital i introducció al curs	Pediatria general	Pediatria general	Hepatologia Pediàtrica	Hepatologia Pediàtrica

Setmana 2 22 nd October 2012	DILLUNS	DIMARTS	DIMECRES	DIJOUS	DIVENDRES
MATÍ	Ginecologia	High Dependence Unit (HDU)	Neurologia, Neurocirurgia i Cirurgia general	Neurologia, Neurocirurgia i Cirurgia general	Obstetrícia
TARDA	Passi de guàrdia d'Hepatologia Pediàtrica	Temps per la preparació del Cas clínic	Temps per la preparació del Cas clínic	Presentació del Cas clínic	Avaluació

Evelina Children's Hosp

Setmana 3 29 th October 2012	DILLUNS	DIMARTS	DIMECRES	DIJOURS	DIVENDRES
MATÍ	Pediatrica general	Pediatrica general	Pediatrica general	Pediatrica general	Passi de guàrdia de Nefrologia
TARDA	Dispensació a l'alta hospitalària (MAT)	Dispensació a l'alta hospitalària (MAT)	Dispensari a Farmàcia	Temps per realitzar el projecte	Nefrologia

Setmana 4 5 th November 2012	DILLUNS	DIMARTS	DIMECRES	DIJOURS	DIVENDRES
MATÍ	UCI Neonatal	UCI Neonatal	Cardiologia i Neurologia	Cardiologia i Neurologia	Passi de guàrdia de Nefrologia
TARDA	MAT	Dispensari / MAT	Temps per realitzar el projecte	Visita a la Unitat de Fabricació d'Asèptics (Nutrició Parenteral i CIVAS)	Visita a la Unitat de Fabricació no estèril (Formulació de preparats extemporanis)

Setmana 5 12 th Nov 2012	DILLUNS	DIMARTS	DIMECRES	DIJOURS	DIVENDRES
MATÍ	Ginecologia i Obstetrícia	UCI Neonatal	Cardiologia i Neurologia	UCI Pediàtrica	UCI Pediàtrica
TARDA	Ginecologia i Obstetrícia	Passi de guàrdia de NPT	Dispensari / MAT	Temps per realitzar el projecte	Temps per realitzar el projecte

Setmana 6 19 th Nov 2012	DILLUNS	DIMARTS	DIMECRES	DIJOURS	DIVENDRES
MATÍ	Ginecologia i Obstetrícia	UCI Pediàtrica	UCI Pediàtrica	Temps per realitzar el projecte	Avaluació
TARDA	Dispensari / MAT	Dispensari / MAT	Dispensari / MAT		

5. AVALUACIÓ

Activitats clíniques mitjançant les quals la Facultat de Farmàcia del *King's College London* avaluarà el grau d'aprenentatge adquirit

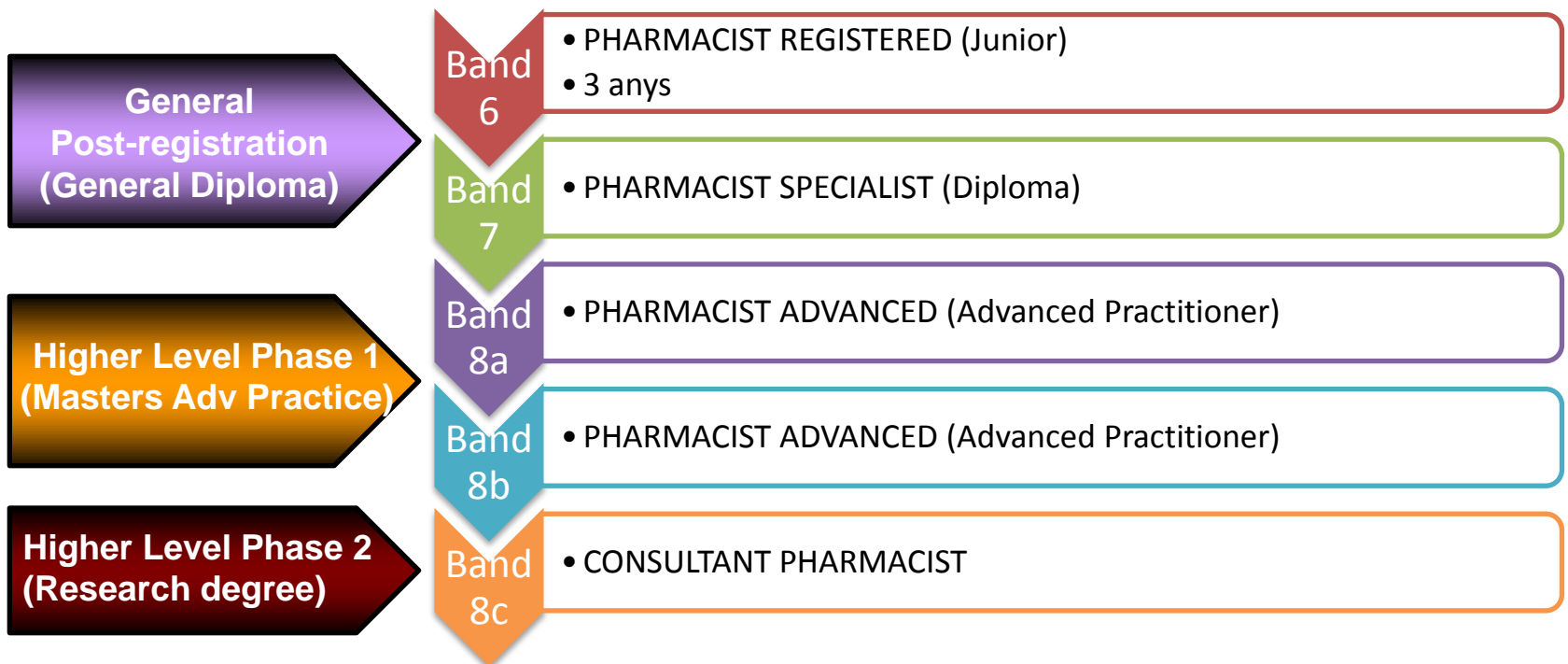
- ✦ **Cas clínic escrit** (1000 paraules) → puntuació: 25%
- ✦ **Presentació oral del cas clínic** → puntuació: 25%
- ✦ **Projecte final.** Implantació d'una àrea clínica d'interès per a l'hospital de procedència (2000 paraules) → puntuació: 25%
- ✦ **Presentació oral del projecte final** → puntuació: 25%
- ✦ Addicionalment, quadern d'activitats o **Portfolio** (universitat)

6. Portfolio

- Patient profiles x2*
- Paediatric information enquiries x1*
- Unlicensed drug Usage report*
- Presentation on an aspect of clinical care or service from their own country*
- Reflection on visit to the manufacturing unit*
- Clinical Interventions x 5*
- Contribution to guideline / protocol writing*
- Accompanied Ward Visits with assessment x 2*
- Ward Visit Check List*
- Educational session review*
- Clinical topics in CPPE Pack*

7. GRAU D'ESPECIALITZACIÓ

Pharmacists



7. GRAU D'ESPECIALITZACIÓ

Technician

Degree
(3 anys)



Technician

The role of the Pharmacy Technician in Clinical Areas:

Dispensing

- **Inpatient and outpatient**
- **Dispensary** managers, Checking accreditation, **Counselling** accreditation

Aseptic

- **Aseptic** managers
- **Checking**

Education & Development

- Continuing Professional Development (CPD)
- National Vocational Qualification assessors (NVQ) / Internal verifiers

Ward based Service

- **SUPPLY OF MEDICINES - PHARMACY ON WHEELS:** Medicines prepared at the bedside, Individual information provision at the bedside
- **TAKING DRUG HISTORIES**
- Preparing and Checking **DISCHARGE** prescriptions

8. FARMACÈUTIC A PLANTA

Drug chart

- Dosis, interaccions, ...
- Conciliació
- Validen cada línia de tractament

Infusions

- Càlcul de fluids

Analítiques

- Nivells de fàrmacs (cinètica)
- Paràmetres de laboratori (creatinina, urea, ...)

Consultes

- 60-70% del temps a planta. Pocs ordinadors a farmàcia
- Resolució de consultes a planta
- Busca

9. DRUG HISTORY

Es fa conciliació a **TOTS** els pacients ingressats

1

- Presentació

2

- Medicació habitual: dosi, freqüència i via
- Insistir: inh, vit, suplementes, plantes, medicaments sense recepta, ...

3

- Preguntar si porten el medicament i la quantitat
- Substituir temporalment a l'hospital

4

- Pes i data del pes
- Breast-feeding: medicaments, tabac, alcohol

5

- Al·lèrgies: Medicaments, Aliments, NKDA

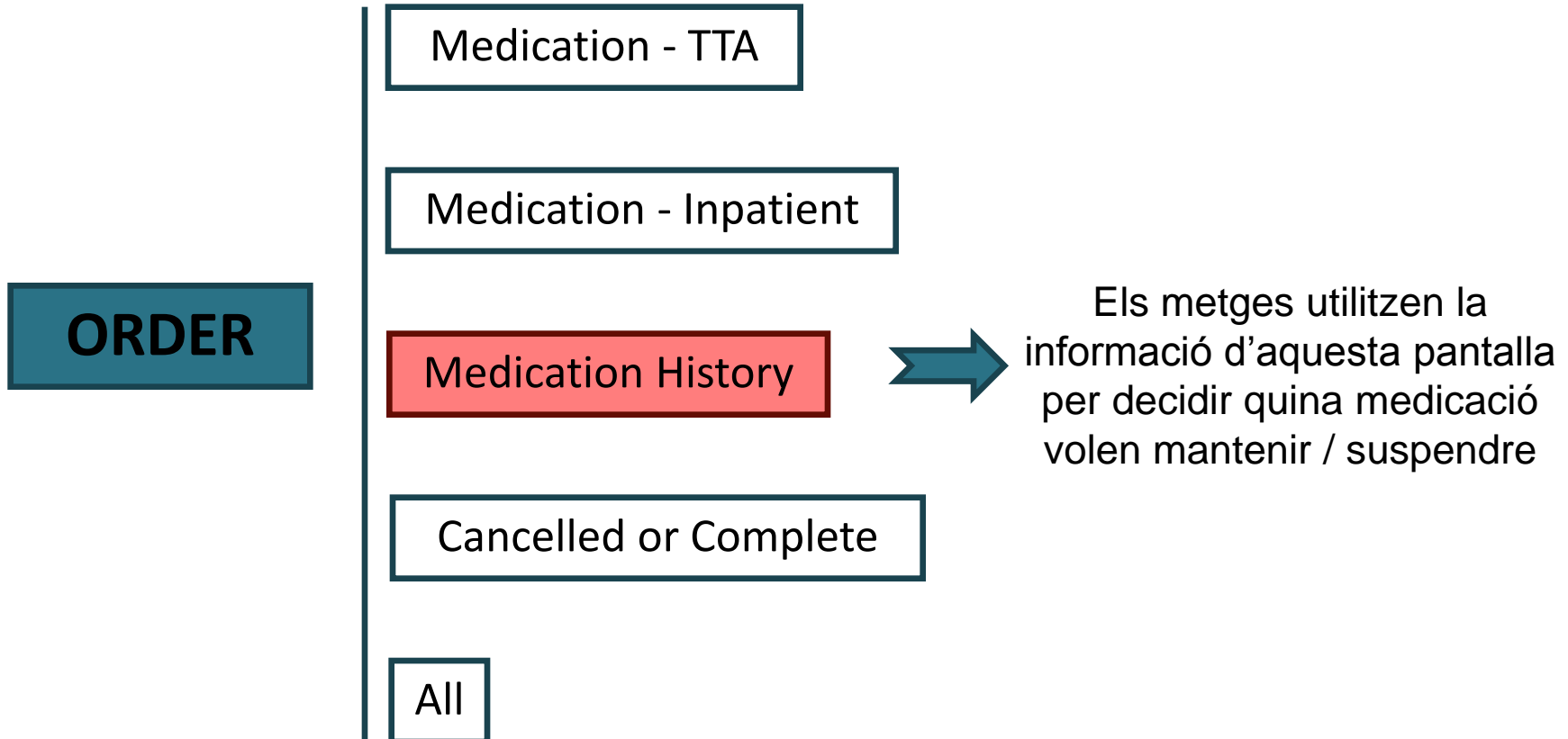
6

- Vaunacions (vaccines UTD)

7

- Preferències: sòlids vs líquids (vs supositoris en nounats)

9. DRUG HISTORY



10.TTA, TTO

Es dispensa **14 dies de medicació** quan els pacients marxen d'**alta** (*discharge*)

TTA

4 FULLS AUTOCOPIABLES

Farmacèutic escriu
Metge valida*

GP (Metge capçalera)

Història Clínica

Pacient

Farmàcia

GRATUÏT

El tècnic prepara BOSSA amb medicació
per 14d + 3 còpies de TTA

Medicació etiquetada

Farmacèutic revisa i signa el TTA



10.TTA, TTO

SHAKE THE BOTTLE
CO-AMOXICLAV 250mg + 62.5mg in 5mL
Sugar-Free Suspension

Give 10mls THREE times a day to complete a 10 day course (STOP DATE: 08/11/2012) return any leftover medicine to a pharmacy.

[Redacted]

1-Nov-2012

KEEP OUT OF REACH AND SIGHT OF CHILDREN

PHARMACY, EVELINA CHILDREN'S HOSPITAL SE1 7EH. 020-7188-9152

Expiry Date: 8-Nov-2012

Space the doses evenly throughout the day. Keep taking this medicine until the course is finished, unless you are told to stop.

Store in a refrigerator

WARNING: Do not take this medicine if you are allergic to penicillin

[Redacted]

1-Nov-2012

KEEP OUT OF REACH AND SIGHT OF CHILDREN

11.MAT (Medicines Advisory Team Service)

Dispensació de fàrmacs des de l'hospital (tot tipus de fàrmacs) a pacients ambulatoris i CCEE (*outpatients*)

- ▶ **Preu fix: £ 7.65 per cada fàrmac.** La resta ho paga l'estat. Possibilitat de pagar una taxa anual (*anual payment*)
- ▶ **Informació oral:** administració, conservació, dosi, ...
- ▶ Es dispensa **1 caixa o 14 dies de medicació** (excepcions de 6m o 1a)
- ▶ El pacient té 14 dies de marge per anar al metge de capçalera i que li prescrigui per tal que pugui recollir la medicació a la farmàcia comunitària
- ▶ Ho preparen els **tècnics**. Ho revisen els **farmacèutics junior**

11.MAT (Medicines Advisory Team Service)



12.MANUFACTURING NON STERILE UNIT

- **Guy's Hospital**

- **Preparen:** comprimits, xarops, cremes, pomades, productes estèrils, pols, reactius, altres formulacions (càpsules en AC)

- No citostàtics ni radiofàrmacs

- **Proporcionar** medicaments a diverses institucions que no tenen llicència per preparar formules magistrals (hospital i OF)

- Tècnic – elaboració

- Farmacèutic – controls



13. ASEPTIC UNIT (Parenteral Nutrition and CIVAS)

- **St Thomas Hospital**
- **CIVAS:** Elaboració de 1.400 preparats al mes (Gentamicin, Benzylpenicillin, Fluconazol, Morphine, Vancomycin) per a NICU, PICU i Special Care Unit. Xeringues de 50 mL (dosi exacta per a 1 mL/h)
- **Parenteral Nutrition:** Elaboració i revisió de totes les NPT (adults i pediàtriques). Separació de lípids. NPT estàndard. Oligos + vitamines cada 24h. Administració en 48 h
- Reducció del cost de productivitat (centralització de producció)
- Reducció dels EM i augment de la seguretat
- Tècnic – elaboració
- Farmacèutic – controls

14. CURIOSITATS I DIFERÈNCIES

Pocs hospitals preparen formules magistrals perquè no tenen l'acreditació (ex. King's). Ho compren a companyies externes.

Oncologia centralitzada a determinats hospitals

Poques habitacions individuals. Separació de llits amb cortines

Monitorització sense programa informàtic. Moltes mostres de sang! Si nivells elevats de Genta, treure sang a les 12h (en general a tota pedi)

Neteja de mans

No bata. No jeans

+ xarops comercialitzats: furosemida 50mg/5ml, àc fòlic 2,5mg/5ml i 400mcg/5ml, ondansetron 4mg/5ml, levotiroxina 10 mcg/ml, propranolol 10mg/ml, fenitoina 30mg/5ml,....

Tots els farmacèutics van amb un busca. Firmen cada línia de tractament (en paper i en PEA)

14. CURIOSITATS I DIFERÈNCIES

No usen carros de unidosi

A planta hi ha un armari amb totes les caixes de medicació

Addicionalment, cada habitació té una mini-taquilla tancada amb clau on es guarda la medicació de cada pacient

No reenvasen medicació. Mai desblisten

TOTA la medicació emmagatzemada a Rowa. Dispensació SEMPRE de caixes

Guàrdies al Evelinas: 1 setmana on call. Dissabte de 9 a 17h (no diumenge)

Guàrdies al King's: Caps de setmana de 9 a 17h. Només per fer TTA i coses importants. No revisen dosis. Després on call

OMAN: Tota la medicació és gratis per tothom (excepcions: vitamines, i med exclosos de la Seg Social). Dispensació a hospitals

15. EPMA (Electronic Prescribing & Medication Administration)

Programa informàtic: ISOFT Clinical Manager

The screenshot displays the ISOFT Clinical Manager software interface. At the top, the window title is "Aimurie, Osavuese - ISOFT Clinical Manager". Below the title bar is a menu bar with options: File, Edit, View, GoTo, Actions, Preferences, Tools, Help. A toolbar with various icons is located below the menu bar. The main interface area shows patient information: "Toni & Guy" (patient name), "R008507 / ED120988661" (patient ID), and "2m3w Female" (age and gender). Below this, there are tabs for "Patient List", "Orders", "Results", "Documents", "Observations", "Patient Info", "Summary", "Letter Maker", "Clinical Notes", and "Order Visit". The "Patient List" tab is active, showing a table of patients. The "Current List" dropdown is set to "Toni & Guy". A "Save Selected Patients..." button is visible. The table has the following columns: Admit Date, Patient Name, Patient ID / Visit Number, To Sign, Assigned Location, Provider, Service, and Infection Control Status. The table contains 15 rows of patient data. The second row is highlighted in blue.

Admit Date	Patient Name	Patient ID / Visit Number	To Sign	Assigned Location	Provider	Service	Infection Control Status
09-Oct-12	A	P950338A/V1347788	▶	Toni & Guy	Ruz, G Dr	Paediatric - Cystic Fibrosis	
07-Oct-12	A	R008507/ED120988661	▶	Toni & Guy	Bell, C	Paediatrics	
17-Oct-12	B	P396891A/V1350870	▶	Toni & Guy	Height, Sue	Paediatric - Haematology	
15-Oct-12	C	F247493/ED1210142	▶	Toni & Guy	Ford-Adams, ME Dr	Paediatrics	
12-Jul-11	D	P069464A/V1189618	▶	Toni & Guy	Broughton, Simon	Paediatrics	
18-Oct-12	F	P175982/ED121024	▶	Toni & Guy	Broughton, Simon	Paediatrics	
10-Oct-12	F	F176250A/V1348247	▶	Toni & Guy	Wyatt, H	Paediatric - Cystic Fibrosis	
17-Oct-12	L	D881095/ED121023	▶	Toni & Guy	Broughton, Simon	Paediatrics	
16-Oct-12	M	V226980A/V1350414	▶	Toni & Guy	Height, Sue	Paediatric - Oncology	
19-Oct-12	N	R007281/ED121024	▶	Toni & Guy	Broughton, Simon	Paediatrics	
16-Oct-12	O	R009188/ED121019	▶	Toni & Guy	Broughton, Simon	Paediatrics	
16-Oct-12	P	D519854A/V1350041	▶	Toni & Guy	Wyatt, H	Paediatric - Cystic Fibrosis	
12-Sep-12	S	P297251A/V1337531	▶	Toni & Guy	Height, Sue	Paediatric - Haematology	

Ready | EPRLive - Primary Active | Kelly, Gara (Pharmacist) | 18

15.ISOFT Clinical Manager

The screenshot displays the ISOFT Clinical Manager application window. The title bar reads "Aimurle, Osavuese - ISOFT Clinical Manager". The menu bar includes "File", "Edit", "View", "GoTo", "Actions", "Preferences", "Tools", and "Help". The toolbar contains various icons for navigation and actions. The patient information section shows "Toni & Guy" with ID "R008507 / ED120988661" and "Bell, C", aged "2m3w" and "Female". The navigation tabs include "Patient List", "Orders", "Results", "Documents", "Observations", "Patient Info", "Summary", "Letter Maker", "Clinical Notes", and "Order Visit".

The main area displays a medication list for "Medication - TTA". The list is filtered by "Date Range" (07-Oct-2012 to Start of This Chart) and "Status" (Medication - TTA). The table below shows the medication details:

Pharmacy	Date	Status	Disc/Stop
Sodium Fenacetate Elker 130mg/5mL (P) - 1 ml Oral, every MORNING (0600) ⊖ TTA Drugs	09-Oct-12	Prescribed	
Clotrimazole Cream 1% (P) - 1 Application Topical, THREE times a day Indication: ; ⊖ TTA Drugs	09-Oct-12	Prescribed	
Drug List Completed (Pharmacy) (P) - DKelly KH5123 9/10 ⊖ TTA Drugs	09-Oct-12	Prescribed	
Domeperidone Suspension (P) - 1.36 mg Oral, FOUR times a day ⊖ TTA Drugs	11-Oct-12	Prescribed	
Omeprazole Dispersible Tablet (P) - 5 mg Oral, every MORNING (0600) Indication: GORD ⊖ TTA Drugs	11-Oct-12	Prescribed	
TTA Completed (Pharmacy) (P) - CKelly KH5123 11/10 ⊖ TTA Drugs	11-Oct-12	Prescribed	

The bottom of the window features a status bar with "Ready", "EPRLive - Primary Active", and "Kelly, Gara (Pharmacist)". The Windows taskbar at the bottom shows the Start button and open applications: "Aimurle, Osavuese - I...", "PATIENT PROFILE 1...", and "Document2 - Microsof...". The system clock shows "16:25".

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Chat: All Available

Since: 18-Oct-2011
One year ago
 Retain for next patient

Document Selection: All

Sort Sequence: Review Category, Document

Display Format: Report, Summary

All Documentation:

- Clinical Notes
 - Clinical Note
 - 07-Oct-12 10:56 Clinical Note interfaces, interfaces (interfaces)
- Discharge Documentation
 - Discharge Document
 - 08-Oct-12 00:07 A&E GP Letter interfaces, interfaces (interfaces)
- Nursing Observations
 - Vital Signs - recorded in DPD
 - Vital Signs - recorded in DPD
 - 22-Jul-12 15:09 Vital Signs - recorded in DPD Osman, Ala (ST3) [Entered: 08-Oct-12 15:10]
 - 07-Oct-12 15:09 Vital Signs - recorded in DPD Osman, Ala (ST3) [Entered: 08-Oct-12 15:09]
 - 11-Oct-12 14:29 Vital Signs - recorded in DPD Mortimer, Helen (Dietitian) [Entered: 11-Oct-12 14:30]
 - 17-Oct-12 14:23 Vital Signs - recorded in DPD Mortimer, Helen (Dietitian) [Entered: 17-Oct-12 14:23]
- Therapy Assessments
 - Speech and Language Therapy
 - SLT Flowsheet
 - 15-Oct-12 14:22 SLT Flowsheet Loveday, Miranda (Speech & Language Therapist) [Entered: 15-Oct-12 14:22]
 - 18-Oct-12 10:52 SLT Flowsheet Loveday, Miranda (Speech & Language Therapist) [Entered: 18-Oct-12 10:53]

Ready | EPRLive - Primary Active | Kelly, Clara (Pharmacist) | 18

start | Aimurle, Osavuese - I... | PATIENT PROFILE 1... | Document2 - Microsof...

15.ISOFT Clinical Manager

Foreman, Sophie - ISOFT Clinical Manager

File Edit View GoTo Actions Preferences Tools Help

Tom & Gaby F176250 / V1348247 16y Female
Wyeat, H Follow Infection Control Precautions

Patient List | Orders | Results | Documents | Observations | Patient Info | Summary | Letter Maker | Clinical Notes | Order View

All results - Performed since 18-Sep-12

Test	Value	Reference Range
Total Protein	66	60-80 g/L
Albumin	36	35-50 g/L
Globulin	31	25-35 g/L
Bilirubin (Total)	10	0-20 umol/L
Alkaline Phosphatase	123	45-130 IU/L
Aspartate Transaminase	71	0-35 IU/L
Gamma-glutamyl Transferase	294	0-55 IU/L

17-Oct-12 21:49 Biochemistry (Liver Profile)

Test	Value	Reference Range
Total Protein	66	60-80 g/L
Albumin	36	35-50 g/L
Globulin	31	25-35 g/L
Bilirubin (Total)	6	0-20 umol/L
Alkaline Phosphatase	108	45-130 IU/L
Aspartate Transaminase	21	0-35 IU/L
Gamma-glutamyl Transferase	31	0-55 IU/L

17-Oct-12 21:49 Result Item/Zone/Units

- Sodium
- Potassium
- Urea
- Creatinine
- Estimated GFR
- Calcium
- Corrected Calcium
- Phosphate
- Total Protein
- Albumin
- Globulin
- Bilirubin (Total)
- Alkaline Phosphatase
- Aspartate Transaminase
- Gamma-glutamyl Transferase

Chat: All Available
Since: Received, Performed
18-Sep-2012
One month ago
Retain for next patient
Result Selection: All, Abnormal, Show Pending
Display Format: Report by Order, Summary, Trend View

Ready EPRLive - Primary Active

Foreman, Sophie - ISOFT Clinical Manager

File Edit View GoTo Actions Preferences Tools Help

Tom & Gaby F176250 / V1348247 16y Female
Wyeat, H Follow Infection Control Precautions

Patient List | Orders | Results | Documents | Observations | Patient Info | Summary | Letter Maker | Clinical Notes | Order View

All results - Performed since 18-Sep-12

Lab Category	Sep 18-30 '12	Sep 31 - Sep 27 '12	Sep 28 - Oct 4 '12	Oct 5 - Oct 11 '12	Oct 12 - Oct 18 '12
Biotechnology	10	11	12	13	14
Hematology	15	16	17	18	19
Immunology	20	21	22	23	24
Microbiology	25	26	27	28	29
Molecular Pathology	30	31	32	33	34
Plant of Care Testing	35	36	37	38	39
Radiology	40	41	42	43	44
Nuclear Medicine	45	46	47	48	49
Diagnostic Imaging	50	51	52	53	54
Reverendology	55	56	57	58	59
Respiratory Medicine	60	61	62	63	64
Lung Function	65	66	67	68	69
Adult Care Pharmacy	70	71	72	73	74
Branches	75	76	77	78	79
Cardiac Diagnostics	80	81	82	83	84
Cardiac	85	86	87	88	89
Vascular Laboratory	90	91	92	93	94
Vascular	95	96	97	98	99
Respiratory	100	101	102	103	104
Respiratory	105	106	107	108	109
Endoscopy	110	111	112	113	114
Endoscopy	115	116	117	118	119
Pharmacy	120	121	122	123	124
Pharmacy	125	126	127	128	129
Medicine	130	131	132	133	134
Medicine	135	136	137	138	139
Medicine	140	141	142	143	144
Medicine	145	146	147	148	149
Medicine	150	151	152	153	154
Medicine	155	156	157	158	159
Medicine	160	161	162	163	164
Medicine	165	166	167	168	169
Medicine	170	171	172	173	174
Medicine	175	176	177	178	179
Medicine	180	181	182	183	184
Medicine	185	186	187	188	189
Medicine	190	191	192	193	194
Medicine	195	196	197	198	199
Medicine	200	201	202	203	204

Chat: All Available
Since: Received, Performed
18-Sep-2012
One month ago
Retain for next patient
Result Selection: All, Abnormal, Show Pending
Display Format: Report by Order, Summary, Trend View

Ready EPRLive - Primary Active Info...Data (Pharmacol)

15.ISOFT Clinical Manager

The screenshot displays the iSOFT Clinical Manager application window. The title bar reads "Aimurie, Osavuese - iSOFT Clinical Manager". The menu bar includes "File", "Edit", "View", "Goto", "Preferences", "Tools", and "Help". The toolbar contains various icons for navigation and data management. The patient information section shows a search bar with "Toni & Guy", patient ID "P008507 / ED120988661", and demographic data "2m3w Female" and "Bell, C". The main interface is divided into four panes: "Active Health Issues", "Nursing Comments", "Active Providers", and "Allergies".

Active Health Issues

Type	Health Issue	Onset Date	Entered Date
------	--------------	------------	--------------

Nursing Comments

Type	Comment	Scope	Entered Date
No privilege to view			

Active Providers

Role	Name	Phone	Entered Date
Referring Doc..	Emergency Dept Consultant, Duty		07-Oct-12 18:54
Consultant	Bell, C		07-Oct-12 18:54
General Practi...	Fraser, Cm Dr		07-Oct-12 18:54

Allergies

Type	Allergy	Reaction	Entered Date
Drug	No Known Drug Allergies	NONE	09-Oct-12 10:59

The bottom status bar shows "Ready", "EPRLive - Primary Active", and "Kelly, Gara (Pharmacist)". The Windows taskbar at the bottom includes the Start button, open applications like "Aimurie, Osavuese - i...", "PATIENT PROFILE 1 - ...", and "Document2 - Microsof...", and the system tray with the time "16:25".

16. Websites

CLASSIFICATION	DATABASE / JOURNAL SITE	WEB ADDRESS	USERNAME PASSWORD
General MI Source	EMC	http://medicines.org.uk/	<i>No password required</i>
	Micromedex	http://www.thomsonhc.com/	
	BNF and BNFc	http://www.bnf.org/	<i>Register individually on-line</i>
	Merck Manual	http://www.merck.com/mrkshared/mmanual/home.jsp	<i>No password required</i>
	Medicines Complete (Martindale, Herbal Medicines, Stockley's, AHFS and Trissell IV compatibilities. Coming soon... Enteral Drugs and Herbal Meds IAs)	www.medicinescomplete.com/mc/	
Community pharmacy	Drug Tariff	http://www.ppa.org.uk/ppa/edt_intro.htm	<i>No password required</i>
	OTCs – Medicine Chest	http://www.medicinechestonline.co.uk/	<i>No password required</i>
Medicines Information	UK Medicine Information breastfeeding/latex database/ fridge database	www.ukmi.nhs.uk	
	Welsh MI FAQ for HCP	www.wmic.wales.nhs.uk	

16. Websites

CLASSIFICATION	DATABASE / JOURNAL SITE	WEB ADDRESS	USERNAME PASSWORD
Palliative care and syringe drivers	Palliative Drugs	www.palliativedrugs.com	
	Syringe Driver Compatibilities	www.pallmed.net	<i>No password required</i>
Paediatric	DIAL – Paediatric MI FAQ	www.dial.org.uk	
Drug administration	National IV Guide	http://medusa.wales.nhs.uk	
	National IV Guide (access from non-NHS computer)	http://www.injguide.nhs.uk/	
Vaccines	Green Book	http://www.dh.gov.uk/en/Policiesandguidance/Healthandsocialcaretopics/Greenbook	<i>No password required</i>
Poisons and Pregnancy Info	Toxbase	www.toxbase.org	
Lactation	LactMed	http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?LACT	<i>No password required</i>
Interactions	CYP450 table	http://medicine.iupui.edu/clinicalpharm/ddis/	<i>No password required</i>

16. Websites

CLASSIFICATION	DATABASE / JOURNAL SITE	WEB ADDRESS	USERNAME PASSWORD
HIV	HIV drug interactions	www.hiv-druginteractions.org	<i>No password required</i>
	Aidsmap	www.aidsmap.com	<i>No password required</i>
	Pregnancy	www.bhiva.org	<i>No password required</i>
	Paediatrics	http://www.chiva.org.uk/	<i>No password required</i>
G6PD deficiency	G6PD deficiency Association	http://www.g6pd.org	<i>No password required</i>
Herbal	Natural Medicines Comprehensive Database	www.naturaldatabase.com	
Porphyria	NAPOS (Norwegian Porphyria Centre)	http://www.drugs-porphyria.com/	<i>No password required</i>
	European Porphyria Initiative	http://www.porphyria-europe.com/	<i>No password required</i>
Extravasation	National Extravasation Information Service	www.extravasation.org.uk	<i>No password required</i>
Previous enquiries	Pracsys	Available on all MI computers	

16. Websites

CLASSIFICATION	DATABASE / JOURNAL SITE	WEB ADDRESS	USERNAME PASSWORD
Journal Search	Free Medical Journals	http://freemedicaljournals.com	<i>No password required</i>
	Journals via Athens/NLH (ensure you are logged in using Athens for extra access)	http://journals.library.nhs.uk/	<i>Register individually - Athens password</i>
	Pharm-line	www.pharm-line.nhs.uk	
	Medicine Journal	http://ejournals.ebsco.com	
NHS sites and Evidence Based Medicine	NHS choices (for patient info, behind the headlines etc)	www.nhs.uk	<i>No password required</i>
	NHS Evidence (HCP information and literature searching)	http://www.evidence.nhs.uk/	<i>Register individually - Athens password</i>
	NHS library (HCP information and literature searching)	www.library.nhs.uk	<i>Register individually - Athens password</i>
	The National Electronic Library for Medicines (NELM)	www.nelm.nhs.uk	<i>Register individually on-line</i>
	S.I.G.N.	www.sign.ac.uk	<i>No password required</i>
	N.I.C.E.	www.nice.org.uk	<i>No password required</i>



***Moltes
gràcies***