

The 15 minute Tariff Cook Book

– a great stocking filler!

26 November 2010



Introduction

- I. Ingredients
- II. Method
- III. Results (Benefits)
- IV. Serving Suggestions – (Future developments!)



We take these ingredients...

costs...

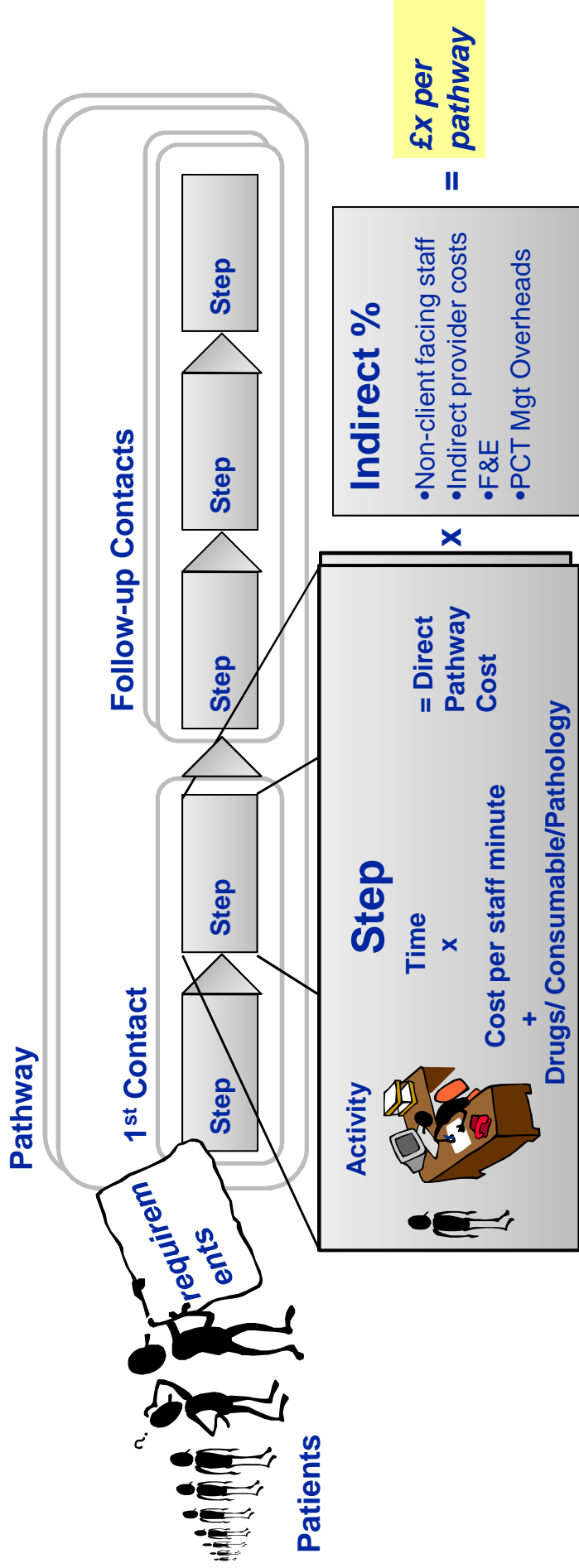
- Clinical Staff
- Drugs
- Consumables
- Equipment
- Pathology
- Corporate Management
- Facilities and Estates
- Transport
- IT Support
- Data Management

...and factor for time



We create detailed element of care pathways...

These pathways are setting independent and describe the activity delivered to the patient in terms of steps, each with a activity, resource list, time and cost.



We have created over 140 pathways...

We account for direct and indirect cost...

What was included in the Pathway Pricing Model?

Direct Costs

1. Direct Pay:

- Clinical Staff
- Receptionist/ Admin

Staff who's time can directly be attributed to supporting patient pathways including both face-to-face and non face-to-face time (Note: cost per minute is calculated on a fully loaded basis using gross salaries over available clinical time p.a.)

2. Drugs: Costs obtained from BNF and other published sources

3. Consumables: Costs from pilot sites, and published data

4. Pathology: Cost are an average across pilot sites who returned itemised costs

Indirect Costs

1. Indirect Pay:

- Management
- Admin/ PAs

Staff who's time is generally NOT directly attributable to supporting patient pathways

2. Indirect items on provider budgets:

- Training spend
- Stationary
- Uniforms etc.

3. Facilities & Estates

4. PCT/Trust Management Overhead

Any items not included in the pilot services articulation of direct and indirect costs will be excluded from our model, for example: training costs supported by other services and not explicitly charged to provider/PCT

...and we allow for marginal pricing...



Primary Price



Primary Price

Additional Price

Delivering one pathway on its own is more expensive than delivering the same pathway as part of a bundle of care



This allows meet and greet, health promotion and other routine activities to be delivered only once during an episode.

Our final ingredients list

Detail	W/o DV Primary cpc. Addt	With DV Primary cpc. Addt				
1st Contact, Chlamydia & Gonorrhoea Test (Self-Management)	33	31				23
1st Contact, Chlamydia & Gonorrhoea Test Index	42	35				80
Chlamydia & Gonorrhoea Test Partner*	65	40				55
Asymptomatic Check-up (Standard)	147	122				101
Asymptomatic Check-up (High Risk)	166	126				106
Symptomatic: Warts, Thrush, BV, TV etc.	85	45				25
1st Contact: Anogenital Herpes Simplex (1st attack)	106	82				154
Symptomatic + Check-Up (Standard)	116	204				30
Symptomatic + Check-Up (High Risk)	111	113				70
1st Contact, Consultation (No Tests/Examination)	31	11				30
FU Positive Chlamydia	30	16				21
FU Equivocal Chlamydia	47	29				66
FU Positive Gonorrhoea (&Chlamydia)	69	44				81
FU Warts	41	38				64
FU Positive HIV, Complex STI	46	19				68
FU Consultation (No Tests/Examine)	30	14				60
1st Contact, Condom Only (Self-Mng)	4	1				45
1st Contact, Condom Only	19	4				86
1st Contact, EVRA	46	28				38
1st Contact, Combined Pili (COC)	32	14				82
1st Contact, LARC: IUS insertion (standard)	24	4				42
FU Contact, Combined Pili (COC)	33	4				50
Pregnancy test (simple)	25	12				23
Pregnancy test (complex)	36	20				51
EHC	38	22				64
1st Contact, Smear test	36	25				43
1st Contact, LARC: IUD/IUS Insertion (**ignore)	166	142				288
1st Contact, LARC: Implant	144	117				261
1st Contact, LARC: Injection	68	41				66
1st Contact, LARC: IUD/IUS Implant Removal (Standard)	136	110				97
1st Contact, LARC: IUD/IUS Implant Removal (Complex)	223	191				76
1st Contact, Natural Family Planning	44	34				25
1st Contact, PMSHRT Outpatient Attendance (counselling only)	39	20				31
1st Contact, PMSHRT Outpatient Attendance (counselling including scan)	148	110				27
1st Contact, General Gynae Conditions (counselling only)	39	20				23
1st Contact, Medical Psycho-sexual Assessment	90	71				18
1st Contact, Counselling (Psycho, sexual counselling)	77	59				14
1st Contact, Counselling (Other counselling)	81	78				14
FU Contact, Condom Only (Self-Management)	3	1				1
FU Contact, Pregnancy test (Self-Management)	4	2				1
FU Contact, Standard Contraceptive	29	17				141
FU Contact, Consultation (No method, standard)	16	3				45
FU Contact, Consultation (No method, complex)	25	6				277
FU Contact, LARC: Standard Check-up	24	11				230
FU Contact, Condom Only	15	2				306
FU Contact, LARC: Injection	45	25				135
FU Contact, Smear Test	36	25				138
FU Contact, LARC: IUD/IUS Implant Removal (Standard)	136	110				43
FU Contact, LARC: IUD/IUS Implant Removal (Complex)	241	208				138
FU Contact, Natural Family Planning	34	21				89
						404
						388
						45
						62
						47
						37
						9
						54
						45
						25
						30
						53
						42
						18
						46
						21

FU Contact, General Gynae Conditions (Counselling only)
 FU Contact, General Gynae Conditions (Counselling including scan)
 FU Contact, Counselling (Psycho-Sexual Counselling)
 FU Contact, Counselling (Other Counselling)
 FU Contact, PMSHRT Outpatient Attendance (Counselling only)
 FU Contact, PMSHRT Outpatient Attendance (Counselling including scan)
 HIV Test
 Syphilis Test
 Hepatitis B Test
 Hepatitis C Test
 Uncomplicated Treatment (all STI)
 FU Contact, Anogenital Herpes simplex, Recurrence
 FU Contact, Anogenital Warts- 1st attack
 FU Contact, Anogenital Warts-Recurrence (Interval free 3 months)
 1st Contact, Siphilis Treatment
 1st Contact, Combined pill (POP)
 FU Contact, Combined pill (POP)
 1st & FU Contact, Female Condom
 1st Contact, LARC: IUD insertion (standard)
 1st Contact, LARC: IUD insertion (complex)
 1st Contact, LARC: IUS insertion (standard)
 1st Contact, LARC: IUS insertion (complex)
 Hepatitis C Test
 1st Contact, F...
 FU Contact, F...
 FU Contact, F...
 Treatment: PID/NSU in females
 Treatment: Trichomoniasis
 Treatment: BV
 Treatment: Candida
 Treatment: Urinary tract infection (no lab work)
 USHA- LARC: IUD/IUS Implant Removal (Complex)
 USHA- Complex contraception (1)
 USHA- Complex contraception (2)
 USHA- Bleeding & Pain (1)
 USHA- Bleeding & Pain (2)
 USHA- Bleeding & Pain (3)
 USHA- Gynae Conditions (1) [60% of all gynae]
 USHA- PMSHRT (1) [50%]
 USHA- PMSHRT (2) [50%]
 USHA- Complex FU (1) [no procedure]
 USHA- Complex FU (2) [no procedure]
 USHA- 1st Contact, LARC: IUD insertion (complex)
 USHA- 1st Contact, LARC: IUS insertion (complex)
 USHA- Gynae Conditions (2) [25% of all gynae]
 USHA- Gynae Conditions (3) [15% of all gynae]
 1st Contact, Vaginal Ring
 FU Contact, Vaginal Ring
 FU Contact, Female Condom
 Examination only (no tests/treatment)
 Molluscum contagiosum- treatment
 Other Vaginitis/Vaginitis/Balanitis- treatment
 Scabies- treatment



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There are a number of different methods creating a tariff...

Multiple individual pricing

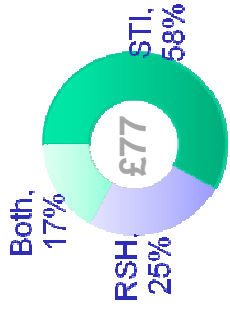
Currency derived tariffs

Single global tariff/s

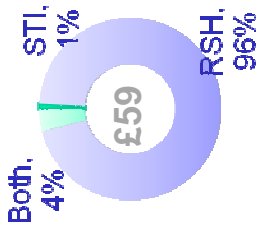
Aggregation....

Currency Groupings	Without DV	With DV
Standalone Currencies		
1. RSH Complex	179	211
2. LARC Procedures	118	144
3. Counselling	80	101
4. STI Diagnosis / Treatment	63	74
5. RSH Standard	45	57
6. Chlamydia Screening	41	49
7. Chlamydia Treatment	30	36
Integrated Currencies		
1. Complex Integrated Tariff: RSH Complex + STI D/T	205	239
2. LARC Integrated Tariff: LARC Proced + STI D/T	144	171
3. Standard Integrated Tariff: STI D/T + RSH Std	81	95
4. Basic Integrated Tariff: RSH Std + CT Screen	79	94

Integrated Service



Traditional CaSH Service



Complex to manage and not supported by systems in place

Meaningful to management and clinicians, and current informatics should be able to support this

Diversity amongst different providers profiles could render this level of aggregation meaningless

Step 1 - Group pathways into currencies

- Clinically meaningful
- Use similar resources
- Manageable number of groups
- Reportable



Step 2 – Apply activity based weighted averages to derive a price

Currency	Tariff	
	Primary	Additional
SRH Complex	228.46	217.11
LARC	132.41	119.08
STI Complex	121.27	89.39
STI Test	116.19	98.59
Counselling	76.84	72.27
NCSP Test	46.56	29.57
SRH Standard	40.43	26.79
STI Treatment/Intervention	33.55	15.59
Self Managed	12.41	6.90

Using the existing levels of pathway activity and pathway price we calculate a Primary and Additional price for each currency

Step 3 – Identify invalid combinations

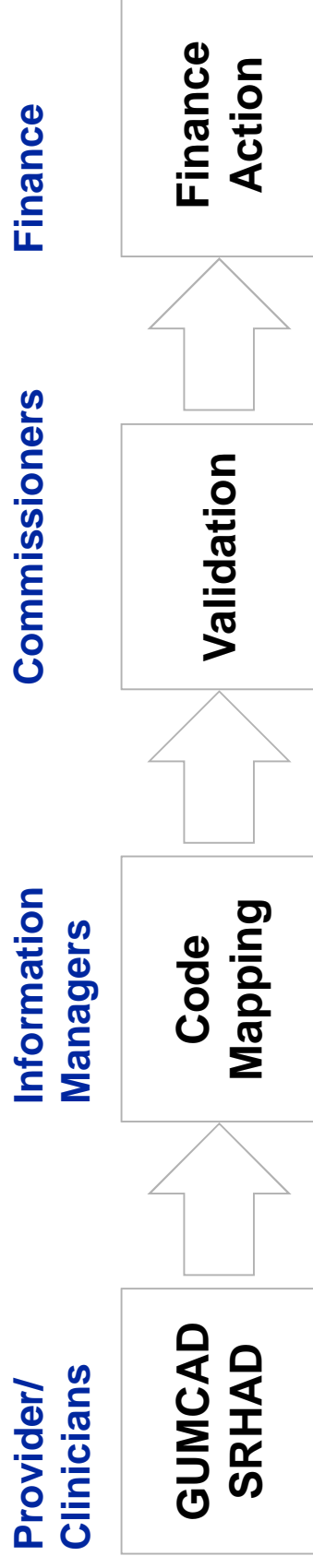
Invalid Currency Combinations

LARC and SRH Complex - Replace LARC with SRH Complex

NCSP Test and STI Test - Replace NCSP Test with STI Test

These combinations duplicate the underlying pathway activity and so are not permitted in order to prevent double accounting.

Step 4 – Now mix thoroughly with your data...



We are developing a dataset to supplement existing data systems to capture sufficient detail to trigger tariff payments

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London – wide impact

Summary for London			
	Tariff/Spend	Activity	
Tariff Charges for London PCTs	£101,560,899	944,010	91%
Tariff Charges for Non-London PCTs	£9,551,175	86,406	9%
Total Under Tariff Charges	£111,112,074	1,030,416	
London Spend Without De-Hosting			
Total Charges Under Tariff	£111,112,074		
Estimated Current Spend	£-114,160,056		
Like-for-Like Difference	£-3,047,982		-3%
London Spend With De-Hosting			
Tariff Charges for London PCTs	£101,560,899		
Estimated Current Spend	£-114,160,056		
Difference Under Tariff With De-Hosting	£-12,599,157		-11%

Healthy option

- Transparency & Align incentives
- Value for Money
- Pay for what is delivered
- Realise savings through pathway redesign



Next steps

- Recipe needs some adjustment
 - to take into account demand profile
- Resolve coding issues
- Impact assessment – London and local
- Add missing pathways
- Introduce non-London adopters through PbR & sense check
- London start collecting data April – validate, iron-out problems with reliability of data, make sure IT systems work
- Resolve cross-charging issues
- Oct start generating invoices

2012/13 national roll out

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Future developments

- Provide a tariff priced at Pathway level
- Integrate with CQUIN targets
- Pathway redesign to improve patient experience
- Introduce a SH single dataset



Bon appetite!

www.londonsexualhealth.org/tariffs.html

www.pathwayanalytics.com/cms/lshp

