

Advice on Bundling Arrangements for General Use Items on the Prostheses List

Independent Health and Aged Care Pricing Authority

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Overview

1. Introduction to advice on bundling of general use items (GUIs)
2. Demonstration of IHACPA GUI Bundling Tool
3. Q&A session



Overview of GUI bundling advice

Overview of GUI bundling advice

- **Scope**

- Billing codes listed under Part D of the August 2022 Prostheses List (PL)
- Admitted services provided to privately insured individuals in private overnight, private day, and public hospital facilities

- **Defined based on**

- GUI utilisation observed in 2020-21 financial year Hospital Casemix Protocol (HCP) Prosthesis data collection
- GUI benefits defined by expected March 2023 PL scheduled benefits

GUI bundling advice

GUI bundling advice

- GUI bundling advice is defined in four stages:
 1. Classification of GUIs
 2. Definition of GUI bundles
 3. Classification of GUI bundles
 4. Definition of GUI bundle benefits



GUI bundling advice

Stage 1: Classification of GUIs

Classification of GUIs

- A product classification is defined for GUIs
 - Adapted from existing PL product classification
- 492 billing codes from Part D of the PL are classified into 24 GUI product classes

GUI Product Branch	GUI Product Class	PL Billing Codes
A1 Drug Delivery	A11 Infusion Pumps, Balloon Based	31
	A12 Infusion Pumps, Battery Powered	11
	A13 Infusion Pumps, Spring Powered	5
	A19 Drug Delivery Accessories	16
A2 Enteral Access	A21 Feeding Tubes	1
	A22 Gastrostomy Tubes	28
	A23 Jejunostomy Tubes	10
	A24 Caecostomy Tubes	1
A3 Vascular Access	A31 Percutaneous Catheters	64
A4 Haemostatic	A41 Occluder Pins	1
	A42 Powder	23
	A43 Sponges	13
	A44 Pliable Patches	19
	A45 Matrix	8
	A46 Foam	5
	A49 Haemostatic Accessories	3
A5 Closure	A51 Adhesion Barriers	14
	A52 Internal Adhesives	32
	A53 Ligating Items	61
	A54 Staples and Tackers	92
	A55 Dura Repair, Liquid Sealants	6
	A56 Dura Repair, Membrane Sealants	6
	A57 Arterial Closure Items	9
	A59 Closure Accessories	33



GUI bundling advice

Stage 2: Definition of GUI bundles

Definition of GUI Bundles

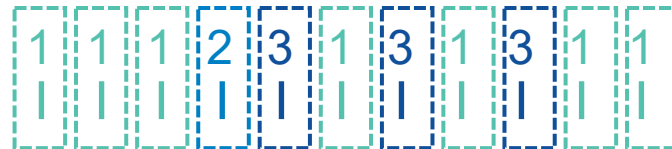
- Step 1: GUIs are aggregated to the level of an episode of admitted patient care



Definition of GUI Bundles

- Step 2: Each GUI is assigned to its product class

Product Class assignment

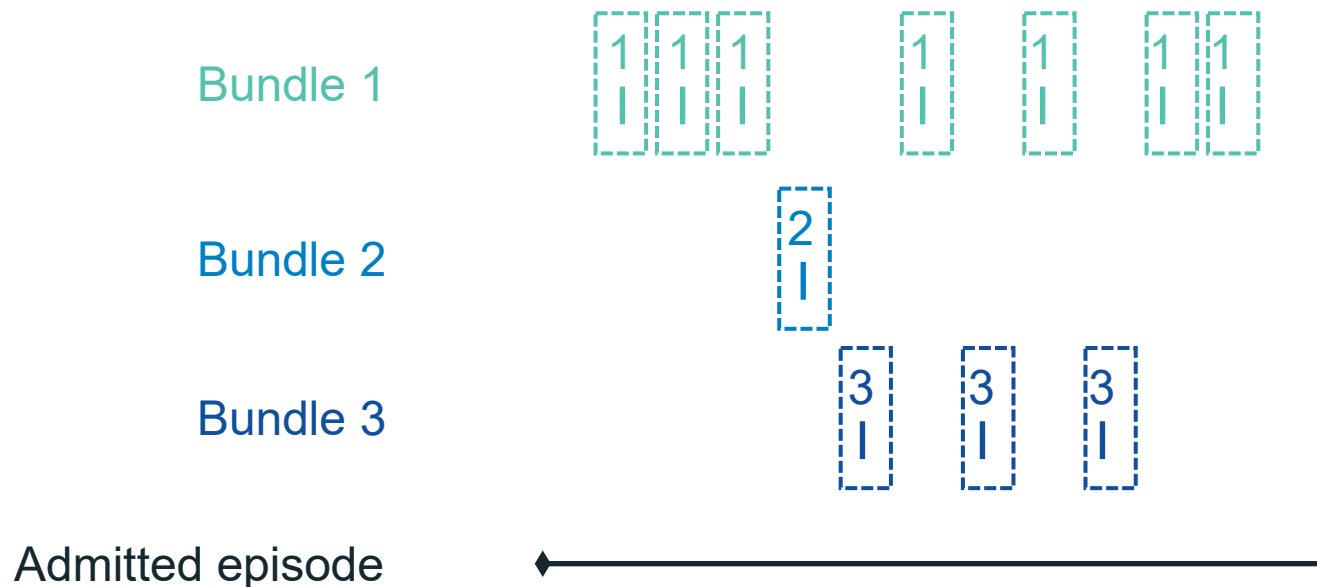


Admitted episode



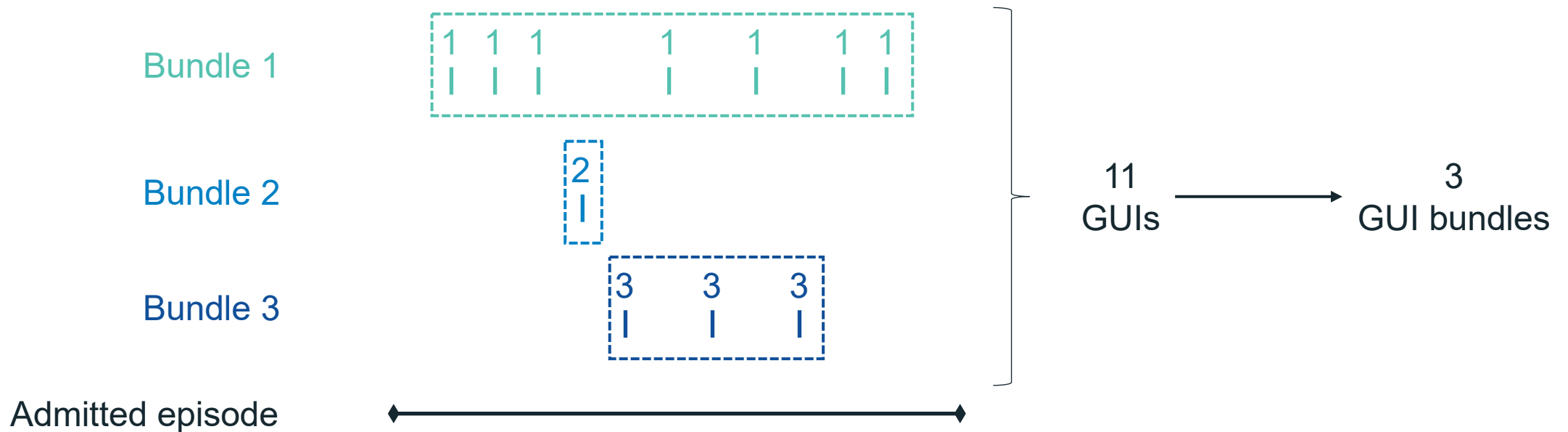
Definition of GUI Bundles

- Step 3: GUI bundles are defined as a collections of GUIs within the same episode and from the same product class



Definition of GUI Bundles

- Step 3: GUI bundles are defined as a collections of GUIs within the same episode and from the same product class





GUI bundling advice

Stage 3: Classification of GUI bundles

Classification of GUI bundles

- Three classifications are defined for GUI bundles:
 - **Variant A: Product Only**
 - A single bundle variant is defined for each of the 24 GUI product classes
 - 24 bundle variants (ie. bundle classes)
 - **Variant B: Facility Type**
 - Each of the 24 product-only variants is split into three variants based on the facility in which episodes occurs (ie. private overnight, private day, or public hospital facility)
 - 72 bundle variants
 - **Variant C: Major Diagnostic Category (MDC) Grouping**
 - Each of the 24 product-only variants is split into (up to five) variants based on the MDC of episodes (note: MDCs are part of the AR-DRG classification system)
 - 54 bundle variants



GUI bundling advice

Stage 4: Definition of GUI bundle benefits

Definition of GUI bundle benefits

- Each bundle variant is assigned a bundle benefit equal to the average PL benefits paid per episode for bundles of that variant.
- Each bundle benefit is determined by the average mix of GUIs and their average rate of use.
- That is:

Bundle Benefit = Av. Benefits per Episode

$$= (\text{Av. Benefits per Item}) \times (\text{Av. Items per Episode})$$

Definition of GUI bundle benefits

- Bundle Variant Branch A – Product Only

Product Branch	Bundle Variant	Bundle Benefit	Benefits per Episode	Benefits per Item	Items per Episode
A1 Drug Delivery	A11A1 Infusion Pumps, Balloon Based	\$132.86	\$132.86	\$110.00	1.208
	A12A1 Infusion Pumps, Battery Powered	\$513.65	\$513.65	\$455.76	1.127
	A13A1 Infusion Pumps, Spring Powered	\$127.54	\$127.54	\$117.99	1.081
	A19A1 Drug Delivery Accessories	\$40.35	\$40.35	\$21.43	1.883
A2 Enteral Access	A21A1 Feeding Tubes	\$161.00	<i>Insufficient data</i>		
	A22A1 Gastrostomy Tubes	\$170.22	\$170.22	\$156.22	1.090
	A23A1 Jejunostomy Tubes	\$448.05	\$448.05	\$415.91	1.077
	A24A1 Caecostomy Tubes	\$336.55	\$336.55	\$320.00	1.052
A3 Vascular Access	A31A1 Percutaneous Catheters	\$143.99	\$143.99	\$131.10	1.098
A4 Haemostatic	A41A1 Occluder Pins	\$286.00	<i>Insufficient data</i>		
	A42A1 Powder	\$118.44	\$118.44	\$95.64	1.238
	A43A1 Sponges	\$13.04	\$13.04	\$10.69	1.220
	A44A1 Pliable Patches	\$61.99	\$61.99	\$50.76	1.221
	A45A1 Matrix	\$698.62	\$698.62	\$547.02	1.277
	A46A1 Foam	\$146.91	\$146.91	\$93.00	1.580
	A49A1 Haemostatic Accessories	\$29.05	\$29.05	\$28.00	1.038
A5 Closure	A51A1 Adhesion Barriers	\$462.10	\$462.10	\$359.14	1.287
	A52A1 Internal Adhesives	\$280.39	\$280.39	\$224.55	1.249
	A53A1 Ligating Items	\$155.59	\$155.59	\$55.83	2.787
	A54A1 Staples and Tackers	\$1,597.61	\$1,597.61	\$333.41	4.792
	A55A1 Dura Repair, Liquid Sealants	\$682.18	\$682.18	\$584.65	1.167
	A56A1 Dura Repair, Membrane Sealants	\$378.50	<i>Insufficient data</i>		
	A57A1 Arterial Closure Items	\$412.09	\$412.09	\$290.62	1.418
	A59A1 Closure Accessories	\$68.49	\$68.49	\$60.86	1.125

Definition of GUI bundle benefits

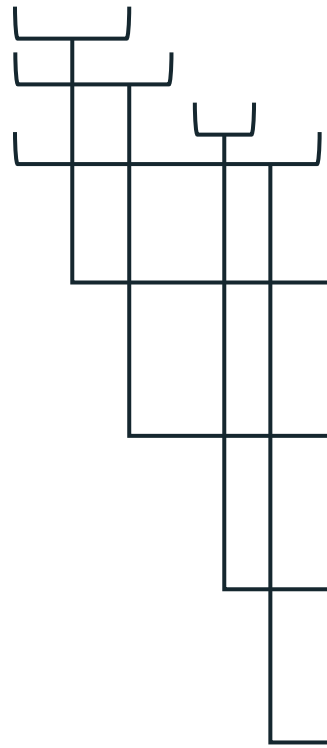
- Product Class – A45 Matrix

Product Branch	Product Class	Variant Branch	Bundle Variant	Bundle Benefit	Benefits per Episode	Benefits per Item	Items per Episode
A4 Haemostatic	A45 Matrix	A Product Only	A45A1 Matrix	\$698.62	\$698.62	\$547.02	1.277
		B Facility Type	A45B1 Matrix - Private Overnight Facilities	\$700.89	\$700.89	\$549.74	1.275
			A45B2 Matrix - Private Day Facilities	\$440.11	\$440.11	\$404.77	1.087
			A45B3 Matrix - Public Facilities	\$634.20	\$634.20	\$449.17	1.412
		C MDC Grouping	A45C1 Matrix - Very High MDC Grouping	\$833.05	\$833.05	\$488.10	1.707
			A45C2 Matrix - High MDC Grouping	\$750.51	\$750.51	\$567.54	1.322
			A45C3 Matrix - Moderate MDC Grouping	\$628.50	\$628.50	\$554.74	1.133
			A45C4 Matrix - Low MDC Grouping	\$453.37	\$453.37	\$434.92	1.042

GUI Bundle Codes

GUI Bundle Codes

A 4 5 C 2



Product Branch

A4

Haemostatic

Product Class

A45

Matrix

Bundle Variant Branch

C

MDC Grouping

Bundle Variant

A45C2

Matrix - High MDC Grouping



IHACPA GUI Bundling Tool

Demonstration

Q & A



IHACPA