

**Appendix D. Appendix Tables**

<b>APPENDIX TABLE 1. Average monthly salaries of medical professionals, Egypt, 2013</b>		
<b>Medical professional cadre</b>	<b>Unadjusted monthly salary in:</b>	
	<b>£E*</b>	<b>US\$*</b>
Obstetrician-gynecologist	2,162.50	311.56
Anesthesiologist	1,900.00	273.74
General practitioner	1,250.00	180.09
Medical resident	1,400.00	201.71
House officer	483.33	69.64
Nurse	900.00	129.67
Auxiliary nurse	800.00	115.26

\*In 2013 currency. *Source:* See Appendix Table 6.

**APPENDIX TABLE 2. Average percentage of working time spent by medical professionals in nontreatment activities, Egypt, 2013**

<b>Medical professional cadre</b>	<b>% of work hours</b>
Obstetrician-gynecologist	15.1
Anesthesiologist	15.4
General practitioner	5.0
Medical resident	8.3
House officer	2.5
Nurse	8.8
Auxiliary nurse	1.5

*Source:* See Appendix Table 6.

**APPENDIX TABLE 3. Hospital costs for patients with postpartum hemorrhage as estimated by key informants, Egypt, 2013\***

Question asked of key informants	Estimated cost in:†	
	£E	US\$
At the lower end of the scale, how much would a patient have to pay per night?	38.9	5.60
At the upper end of the scale, how much would a patient have to pay per night?	114.4	16.49
On average, how much would a patient have to pay per night?	67.8	9.77
Just thinking about the lodging and meals provided to a patient who is hospitalized, estimate the cost to the hospital for a patient being hospitalized for one night.	22.9	3.29
Have you ever seen an estimate of the total cost to the hospital for the patient being hospitalized for one night? If so, how much was the estimate?	46.0	6.63

\*Hospital costs are difficult to conceptualize and to measure. We asked the expert panel the above five questions that relate to hospital costs. Their averaged responses are presented in this table but were not used in the study itself. †In 2013 currency.

**APPENDIX TABLE 4. Drugs, supplies and materials used for postpartum hemorrhage procedures, Egypt, 2013**

Dilation and curettage			B-Lynch uterine compression suture			Surgery for uterine rupture		
Drug/supply/material	Average no. of units	Name of unit	Drug/supply/material	Average no. of units	Name of unit	Drug/supply/material	Average no. of units	Name of unit
Anesthesia (Diprivan)	0.504	2-ml Ampoule	Anesthesia (Diprivan)	na	2-ml ampoule	Anesthesia (Diprivan)	0.5	2-ml ampoule
Anesthesia (intraval)	0.434	Vial, 0.5 g	Anesthesia (intraval)	na	Vial, 0.5 g	Anesthesia (intraval)	0.167	Vial, 0.5 g
Anesthesia (Ketalar)	0.406	Vial, 1.5 g	Anesthesia (Ketalar)	0.334	Vial, 1.5 g	Anesthesia (Ketalar)	0.333	Vial, 1.5 g
Anesthetic drug	na	Average of 3	Anesthesia (Marcaine)	0.269	Ampoule	Anesthetic drug	na	Average of 3
Antibiotic	0.333	Vial, 1 g	Anesthetic drug	na	Average of 3	Betadine	1.3	20 ml
Bandage	3	Pack	Antibiotic	0.5	Vial, 1 g	Cannula	2	Piece
Betadine	1.857	20 ml	Betadine	1	20 ml	Ceftriaxone	0.625	Vial
Cannula	1.722	Piece	Cannula	1.8	Piece	Chromic catgut suture	2.5	Piece
Chromic catgut suture	1.5	Piece	Ceftriaxone	na	Vial	Drain	1.5	Piece
Ceftriaxone	1.333	Ampoule	Chromic catgut suture	1.611	Piece	Dressing	2	Pack
Cotton	3	Pack	Drain	na	Piece	Foley catheter	1	Piece
Dextran	1.406	500-cc bottle	Dressing	2.111	Pack	Gloves (sterile)	2.773	Piece – pair
Dressing	2.273	Pack	Foley catheter	1.5	Piece	Gown, disposable	2	Piece
Foley catheter	1.083	Piece	Gloves (sterile)	3.222	Piece – pair	Infusion set	2	Piece
Gauze	2	Pack, 5 pieces	Gown, disposable	2	Piece	Forceps	3.333	Piece
Gloves (sterile)	2.583	Piece – pair	Infusion set	2	Piece	Instrument (ovum)	3	Piece
Gown, disposable	2	Piece	Head cap	1.667	Piece	Instrument (needle hc)	1.667	Piece
Infusion set	1.8	Piece	Instrument (ovum)	1.5	Piece	Instrument (scissor, s)	1.667	Piece
Instrument (curette)	1.2	Piece	Forceps	1	Piece	IV set	1	Piece
Forceps	1	Piece	Instrument (needle hc)	1	Piece	Kapron/tranexamic ac	2.4	10 g, ampoule
Instrument (ovum)	1	Piece	Instrument (scissor, s)	1	Piece	Mask	2	Piece
Instrument (ring forc	1	Piece	IV set	na	Piece	Nelaton catheter	1	Piece
Instrument (Sims)	1	Piece	Kapron/tranexamic ac	na	10 g, ampoule	Head cap	2	Piece
Kapron/tranexamic ac	1.5	10 g, ampoule	Mask	na	Piece	Plaster	1	Piece
Methergine	1.556	Ampoule, 200 mg	Methergine	1.8	Ampoule, 200 mg	Ringer's solution	1.3	500-cc bottle
Misoprostol	3.667	Tablet, 200 mcg	Misoprostol	2.4	Tablet, 200 mcg	Saline	1.25	500-cc bottle
Nelaton catheter	1	Piece	Oxytocin	5.6	5-IU ampoule	Scalpel	1	Piece
Ketamine	na	2-ml ampoule	Pabal	1	Ampoule	Syringe	2.25	Piece
Oxytocin	4	5-IU ampoule	Plaster	4	Piece	Towels	2.625	Pack
Ringer's solution	1.375	500-cc bottle	Ringer's solution	1.6	500-cc bottle	Unasyn	1	Vial, 1.5 g
Scalpel	1	Piece	Saline	1.333	500-cc bottle	Vicryl sutures	3.167	Piece
Syringe	2.5	Piece	Scalpel	1	Piece			
Towels	3	Pack	Syringe	2.4	Piece			
Unasyn	1.333	Vial, 1.5 g	Towels	2	Pack			
Urinary bag	1	Piece	Unasyn	1.333	Vial, 1.5 g			
			Vicryl sutures	1.95	Piece			

Note: IV=intravenous. Source: See Appendix Table 6. na = not applicable.

**APPENDIX TABLE 4. Drugs, supplies and materials used for postpartum hemorrhage procedures, Egypt, 2013 (cont.)**

Hysterectomy			Stepwise devascularization			Internal iliac ligation		
Drug/supply/material	Average no. of units	Name of unit	Drug/supply/material	Average no. of units	Name of unit	Drug/supply/material	Average no. of units	Name of unit
Anesthesia (Diprivan)	0.412	2-ml ampoule	Anesthesia (Diprivan)	0.438	2-ml ampoule	Anesthetic drug	na	Ampoule
Anesthesia (intra-vascular)	0.235	Vial, 0.5 g	Anesthesia (Ketalar)	0.438	Vial, 1.5 g	Anesthesia (Ketalar)	0.833	Vial, 1.5 g
Anesthesia (Ketalar)	0.353	Vial, 1.5 g	Anesthetic drug	na	Average of 3	Betadine	1.3	20 ml
Anesthetic drug	na	Average of 3	Betadine	1.125	20 ml	Cannula	1.833	Piece
Antibiotic	0.2	Vial, 1 g	Cannula	1.8	Piece	Ceftriaxone	0.333	Vial, 1g
Atropine	1	Ampoule	Ceftriaxone	0.625	Vial	Chromic catgut suture	1.604	Piece
Betadine	1	20 ml	Chromic catgut suture	2.429	Piece	Dressing	2.571	Pack
Cannula	1.4	Piece	Clamps	4	Piece	Foley catheter	1	Piece
Ceftriaxone	0.65	Vial, 1 g	Dicyclic	1	Ampoule	Gloves (sterile)	2.778	Piece – pair
Chromic catgut suture	2.917	Piece	Dressing	3.2	Pack	Gown, disposable	2	Piece
Clamps	5	Piece	Foley catheter	1.6	Piece	Infusion set	1.75	Piece
Dicyclic	1	Ampoule	Gloves (sterile), non-sterile	2.5	Piece – pair	Instrument pack	1.333	Pack
Drain	1.125	Piece	Gown, disposable	2	Piece	Laboratory tests	1	Piece
Dressing	2.571	Pack	Infusion set	2.6	Piece, pack	Mask	1.75	Piece
Foley catheter	1	Piece	Instrument pack	1	pack	Head cap	1.5	Piece
Forceps	3	Piece	Kapron/tranexamic acid	1.5	10 g, ampoule	Pethidine	1	Ampoule
Gloves (sterile)	3.5	Piece – pair	Forceps, artery/Kocher	4	Piece	Plaster	5.25	Piece
Glucose 5%	1	500-cc bottle	Laboratory tests	1	Piece	Ringer's solution	2.125	500-cc bottle
Gown, disposable	3.5	Piece	Anesthesia (Marcaine)	0.125	Ampoule	Saline	1.55	500-cc bottle
Infusion set	2.2	Piece	Pethidine	1	Ampoule	Scalpel	1	Piece
Instrument pack	1	Piece	Plaster	5.25	Piece	Silk sutures	0.167	Piece
Forceps, artery/Kocher	6	Piece	Ringer's solution	1.714	500-cc bottle	Syringe	2.5	Piece
Forceps	na	Piece	Saline	1.917	500-cc bottle	Towels	2.875	Pack
Instrument (needle holder)	2.5	Piece	Scalpel	2.5	Piece	Kapron/tranexamic acid	1	10 g, Ampoule
Instrument (scissors, straight)	2.5	Piece	Instrument (scissors, straight)	4	Piece	Unasyn	1.333	Vial, 1.5 g
Kapron/tranexamic acid	1.333	10 g, ampoule	Spinal needle	1	Piece	Vicryl sutures	2.674	Piece
Laboratory tests	1	Piece	Syringe	2.833	Piece			
Anesthesia (Marcaine)	1	Ampoule	Towels	3.8	Pack			
Nelaton catheter	1	Piece	Unasyn	1	Vial, 1.5 g			
Plaster	1.75	Piece	Urinary bag	1	Piece			
Ringer's solution	1.417	500-cc bottle	Vicryl sutures	3.063	Piece			
Saline	1.4	500-cc bottle						
Scalpel	1.1	Piece						
Spinal needle	1	Piece						
Syringe	3.3	Piece						
Towels	4.714	Pack						
Unasyn	0.4	Vial, 1.5 g						
Urinary bag	1	Piece						
Vicryl sutures	3.083	Piece						

Note: IV=intravenous. Source: See Appendix Table 6. na = not applicable.

**APPENDIX TABLE 5. Cost per case of drugs, supplies and materials for postpartum hemorrhage procedures, Egypt, 2013**

Dilation and curettage		B-Lynch uterine compression suture		Surgery for uterine rupture	
Drug/supply/material	Average cost, £E *	Drug/supply/material	Average cost, £E*	Drug/supply/material	Average cost, £E*
Anesthesia (Diprivan)	13.3	Anesthesia (Diprivan)	na	Anesthesia (Diprivan)	13.2
Anesthesia (intraval)	4.4	Anesthesia (intraval)	na	Anesthesia (intraval)	1.7
Anesthesia (Ketalar)	44.5	Anesthesia (Ketalar)	36.6	Anesthesia (Ketalar)	36.6
Anesthetic drug		Anesthesia (Marcaine)	3.1	Anesthetic drug	na
Antibiotic	1.8	Anesthetic drug	na	Betadine	4.1
Bandage	3.8	Antibiotic	2.6	Cannula	9.7
Betadine	5.8	Betadine	3.1	Ceftriaxone	4.3
Cannula	8.4	Cannula	8.7	Chromic catgut sutures	21.3
Chromic catgut sutures	12.8	Ceftriaxone	na	Drain	41.4
Ceftriaxone	9.2	Chromic catgut sutures	13.7	Dressing	5.9
Cotton	69.8	Drain	na	Foley catheter	7.5
Dextran	53.5	Dressing	6.3	Gloves (sterile)	9.5
Dressing	6.7	Foley catheter	11.2	Gown, disposable	26.2
Foley catheter	8.1	Gloves (sterile)	11	Infusion set	0.7
Gauze	0.7	Gown, disposable	26.2	Forceps	0.3
Gloves (sterile)	8.9	Infusion set	0.7	Instrument (ovum)	2.1
Gown, disposable	26.2	Head cap	0.6	Instrument (needle holder)	0.9
Infusion set	0.6	Instrument (ovum)	1	Instrument (scissor, surgical)	0.2
Instrument (curette)	0.9	Forceps	0.1	IV set	1.2
Forceps	0.1	Instrument (needle holder)	0.5	Kapron/tranexamic acid	113.3
Instrument (ovum)	0.7	Instrument (scissor, surgical)	0.1	Mask	0.5
Instrument (ring forceps)	0.7	IV set	na	Nelaton catheter	1.1
Instrument (Sims)	1.3	Kapron/tranexamic acid	na	Head cap	0.7
Kapron/tranexamic acid	70.8	Mask	na	Plaster	3.7
Methergine	2.3	Methergine	2.7	Ringer's solution	5.5
Misoprostol	5.7	Misoprostol	3.7	Saline	4.4
Nelaton catheter	1.1	Oxytocin	10.5	Scalpel	5.6
Ketamine		Pabal	59.1	Syringe	1.1
Oxytocin	7.5	Plaster	14.6	Towels	8
Ringer's solution	5.8	Ringer's solution	6.8	Unasyn	16.8
Scalpel	5.6	Saline	4.7	Vicryl sutures	88.1
Syringe	1.2	Scalpel	5.6		
Towels	9.2	Syringe	1.2		
Unasyn	22.4	Towels	6.1		
Urinary bag	1.8	Unasyn	22.4		
<b>Total</b>	<b>415.6</b>	<b>Total</b>	<b>317.2</b>	<b>Total</b>	<b>435.4</b>

\*In 2013 currency. Notes: IV=intravenous. nf=not found. na=not applicable. Source: See Appendix Table 6.

**APPENDIX TABLE 5. Cost per case of drugs, supplies and materials for postpartum hemorrhage procedures, Egypt, 2013 (cont.)**

Hysterectomy		Stepwise devascularization		Internal iliac ligation	
Drug/supply/material	Average cost, £E*	Drug/supply/material	Average cost, £E*	Drug/supply/material	Average cost, £E*
Anesthesia (Diprivan)	10.9	Anesthesia (Diprivan)	11.6	Anesthetic drug	na
Anesthesia (intraval)	2.4	Anesthesia (Ketalar)	48	Anesthesia (Ketalar)	91.4
Anesthesia (Ketalar)	38.7	Anesthetic drug	na	Betadine	4.1
Anesthetic drug	na	Betadine	3.5	Cannula	8.9
Antibiotic	1.1	Cannula	8.7	Ceftriaxone	2.3
Atropine	0.8	Ceftriaxone	4.3	Chromic catgut sutures	13.7
Betadine	3.1	Chromic catgut sutures	20.7	Dressing	7.6
Cannula	6.8	Clamps	3.3	Foley catheter	7.5
Ceftriaxone	4.5	Dicynone	2.3	Gloves (sterile)	9.5
Chromic catgut sutures	24.9	Dressing	9.5	Gown, disposable	26.2
Clamps	4.2	Foley catheter	11.9	Infusion set	0.6
Dicynone	2.3	Gloves (sterile)	8.6	Instrument pack	0
Drain	31.1	Gown, disposable	26.2	Laboratory tests	nf
Dressing	7.6	Infusion set	0.9	Mask	0.4
Foley catheter	7.5	Instrument pack	0	Head cap	0.5
Forceps	0.2	Kapron/tranexamic acid	70.8	Pethidine	5.1
Gloves (sterile)	12	Forceps, artery/Kocher	0.7	Plaster	19.2
Glucose 5%	4.2	Laboratory tests	nf	Ringer's solution	9
Gown, disposable	45.8	Anesthesia (Marcaine)	1.4	Saline	5.5
Infusion set	0.7	Pethidine	5.1	Scalpel	5.6
Instrument pack	0	Plaster	19.2	Silk sutures	0.7
Forceps, artery/Kocher	1.1	Ringer's solution	7.2	Syringe	1.2
Forceps	na	Saline	6.7	Towels	8.8
Instrument (needle holder)	1.3	Scalpel	13.9	Kapron/tranexamic acid	47.2
Instrument (scissor, surgical)	0.3	Instrument (scissor, surgical)	0.4	Unasyn	22.4
Kapron/tranexamic acid	62.9	Spinal needle	7.1	Vicryl sutures	74.3
Laboratory tests	nf	Syringe	1.4		
Anesthesia (Marcaine)	11.5	Towels	11.7		
Nelaton catheter	1.1	Unasyn	16.8		
Plaster	6.4	Urinary bag	1.8		
Ringer's solution	6	Vicryl sutures	85.2		
Saline	4.9				
Scalpel	6.1				
Spinal needle	7.1				
Syringe	1.6				
Towels	14.5				
Unasyn	6.7				
Urinary bag	1.8				
Vicryl sutures	85.7				
<b>Total</b>	<b>428</b>	<b>Total</b>	<b>409.1</b>	<b>Total</b>	<b>371.6</b>

\*In 2013 currency. Notes: IV=intravenous. nf=not found. na=not applicable. Source: See Appendix Table 6.

<b>APPENDIX TABLE 6. Descriptions and sources of data used in the study</b>	
<b>Description of data</b>	<b>Source of data</b>
Incidence rate of severe PPH and referral rates due to PPH	The main study of misoprostol as a treatment intervention for PPH; the literature on PPH incidence
Specific inputs that are consumed in the various procedures for PPH (includes labor, drugs, supplies, materials, laboratory tests)	Responses of members of the expert panel
Salary schedules	Responses of members of the expert panel and hospital administration schedules
Prices of blood products	Responses of members of the expert panel
Costs of laboratory tests	A small survey of nine private laboratories located in Cairo and the El Beheira governorate
Typology of PPH procedures	A four-member panel consisting of prominent medical practitioners
National indicators (population, maternal mortality ratios, etc.)	Publications of the World Health Organization, the United Nations Population Division and the Egypt Ministry of Health and Population (see References)

*Note:* PPH=postpartum hemorrhage.