

Supplementary online file

Summary of key findings by country

Topic	Malawi (n=14)	Mali (n=7)	Rwanda (n=7)	Uganda (n=11)
Facilities targeted for KMC implementation	<ul style="list-style-type: none"> All districts, with focus on district hospitals and community health centres 	<ul style="list-style-type: none"> Regional and district hospitals 	<ul style="list-style-type: none"> All district hospitals, as part of the neonatology outreach 	<ul style="list-style-type: none"> Varied, depending on districts targeted for newborn care training
Existence of national KMC guidelines	<ul style="list-style-type: none"> Yes 	<ul style="list-style-type: none"> Incorporated in newborn care guidelines 	<ul style="list-style-type: none"> Yes 	<ul style="list-style-type: none"> Incorporated in newborn care guidelines
Location of KMC services at the health facility	<ul style="list-style-type: none"> Services mostly provided as part of postnatal care Separate KMC room: 11/14 	<ul style="list-style-type: none"> Services provided as part of postnatal, paediatric or neonatal care Separate KMC room: 4/7 	<ul style="list-style-type: none"> Services provided as part of maternity or neonatal care Separate KMC room: 7/7 	<ul style="list-style-type: none"> Services mostly provided as part of postnatal care Separate KMC room: 6/11
Availability of KMC education materials	<ul style="list-style-type: none"> Posters: 11/14; Murals: 2/14; Leaflets: 1/14; Counselling cards: 3/14; Photocopies on wall: 1/14 	<ul style="list-style-type: none"> None 	<ul style="list-style-type: none"> Photocopies on wall: 1/7 	<ul style="list-style-type: none"> Posters by donors: 7/11; Own posters: 2/11
Awareness of KMC being promoted in antenatal care services	<ul style="list-style-type: none"> 6/14 	<ul style="list-style-type: none"> 1/7 	<ul style="list-style-type: none"> 0/7 	<ul style="list-style-type: none"> 3/11
Promotion of intermittent KMC for babies not yet admitted for continuous KMC	<ul style="list-style-type: none"> 9/14. No facilities have a set schedule or recording system 	<ul style="list-style-type: none"> 2/7. No facilities have a set schedule or recording system 	<ul style="list-style-type: none"> 3/7. No facilities have a set schedule or recording system 	<ul style="list-style-type: none"> 6/11. No facilities have a set schedule, 2 facilities recorded hours per day in KMC
Written policy for feeding low birth weight babies	<ul style="list-style-type: none"> 3/14 	<ul style="list-style-type: none"> 4/7 	<ul style="list-style-type: none"> Incorporated in national neonatal protocols Available: 7/7 	<ul style="list-style-type: none"> 3/11
Monitors' impression of the quality of documentation (availability, completeness)	<ul style="list-style-type: none"> Good: 4 Average: 6 Poor: 4 	<ul style="list-style-type: none"> Good: 2 Average: 4 Poor: 1 	<ul style="list-style-type: none"> Good: 2 Average: 5 Poor: 0 	<ul style="list-style-type: none"> Good: 1 Average: 6 Poor: 4

Availability of KMC register	• 10/14	• 7/7	• 5/7	• 7/11
Number of staff trained in KMC	• Total: 780 • In facilities visited: 238 (range 0-155)	• Total: Unknown • In facilities visited: 142 (range 2-71)	• Total: 501 • In facilities visited: 60 (range 3-14)	• Total: Unknown • In facilities visited: 262 (range 1-60)
KMC orientation for new staff	• 3/14	• 2/7	• 6/7	• 5/11
Evidence of follow-up system (documentation, schedule)	• Good evidence: 3 • Partial evidence: 9 • Little/no evidence: 2	• Good evidence: 4 • Partial evidence: 3 • Little/no evidence: 0	• Good evidence: 5 • Partial evidence: 2 • Little/no evidence: 0	• Good evidence: 4 • Partial evidence: 2 • Little/no evidence: 5

Expanded table of key findings from hospitals visited

Topic	Malawi	Mali	Rwanda	Uganda
Facilities targeted for implementation	• All health facilities: District hospitals and selected community health centres Central and mission hospitals	• Regional and district hospitals as funding and buy-in allowed	• All district hospitals	• Eclectic, depending on districts targeted for newborn care training
National KMC guidelines	• Yes	• Incorporated in newborn care guidelines	• Yes	• Incorporated in newborn care guidelines
Number, location and types of facilities visited	• 14 visited • All levels • All 3 regions • Breakdown: 1 central teaching hospital 9 district hospitals 1 mission hospital 1 rural hospital 2 community health centres	• 7 visited • All levels • 3 regions in south of country • Breakdown: • 1 central teaching hospital • 3 regional hospitals • 3 district hospitals	• 7 visited • District level only • 4/5 provinces • Breakdown: 7 district hospitals	• 11 visited • All levels • 4/9 regions • Breakdown: 1 central teaching hospital 1 regional hospital 4 district hospitals 3 no-for-profit hospitals 2 health centres IV

Topic	Malawi	Mali	Rwanda	Uganda
Baby-friendly Hospital Initiative in visited health facilities	<ul style="list-style-type: none"> • 9/14 facilities designated as baby-friendly • Most obtained status for first time between 2004 and 2008 • No subsequent re-assessments 	<ul style="list-style-type: none"> • 4/7 claimed baby-friendly status • No recall of process or year of accreditation • No visible onsite evidence of baby-friendly status 	<ul style="list-style-type: none"> • 0/7 • One facility: preparations for assessment made 	<ul style="list-style-type: none"> • 1/11 facilities assessed 2005 • 2/11 assessed end 2011 – no results at time of visit
Facilities	<ul style="list-style-type: none"> • General vision and mission statement displayed: 3 district hospitals • Vision and mission statement for neonatal / maternity unit: Formulated: 0 facilities • Overnight facilities for mothers not yet doing KMC or doing intermittent KMC: 9/14 Floor sleeping in some facilities • Location of KMC: Mostly part of maternity unit (linked to postnatal ward) • Separate KMC or side room: 11/14 Rest: beds in postnatal ward • Number of dedicated KMC beds 	<ul style="list-style-type: none"> • General vision and mission statement displayed: 0 facilities • Vision and mission statement for neonatal / maternity unit: Formulated: 0 facilities • Overnight facilities for mothers not yet doing KMC or doing intermittent KMC: 4/7 Accommodation often conditional to space being available • Location of KMC: Part of postnatal, paediatric or neonatology wards • Separate KMC room: 4/7 Rest: beds in postnatal ward • Number of dedicated KMC beds 	<ul style="list-style-type: none"> • General vision and mission statement displayed: 0 facilities • Vision and mission statement for neonatal / maternity unit : Formulated: National neonatology guidelines Displayed: 0 facilities • Overnight facilities for mothers not yet doing KMC or doing intermittent KMC: 7/7 Overcrowding in postnatal ward - mothers sharing beds • Location of KMC: Part of neonatology or combined maternity-neonatology services • Separate KMC room: 7/7 • Number of dedicated KMC beds 	<ul style="list-style-type: none"> • General vision, mission and value statement displayed: 5 hospitals • Vision and mission statement for neonatal / maternity unit: Formulated: 0 facilities • Overnight facilities for mothers not yet doing KMC or doing intermittent KMC: 11/11 Floor sleeping in some facilities Use of maternity waiting house in one hospital • Location of KMC: Mostly part of maternity unit (linked to postnatal ward) • Separate KMC room: 6/11 Two with space in postnatal ward and in a corridor separated by curtains Rest: beds in postnatal ward • Number of dedicated KMC beds

Topic	Malawi	Mali	Rwanda	Uganda
	<p>per facility: 1-10 (mostly 3-7)</p> <ul style="list-style-type: none"> • Continuous-KMC environment: KMC space: pleasant to cramped or unattractive Low beds: 7/14 Comfortable chairs: 4/14 Back rest or pillows for bed: 12/14 Provision of linen: very few Storage space for mothers: very few • KMC educational materials: ✓ Donor posters: 11 ✓ Own posters: 4 ✓ Murals: 2 ✓ Leaflets: 1 ✓ Counselling cards: 3 ✓ Photocopies on wall: 1 • Food provided for mothers: All public hospitals, but not in all mission hospitals or community health centres 	<p>per facility: 2-10</p> <ul style="list-style-type: none"> • Continuous-KMC environment: KMC space: pleasant to cramped or unattractive Low beds: 7/7 Comfortable chairs: 2/7 Back rest or pillows for bed: 5/7 Provision of linen: very few Storage space for mothers: very few • KMC educational materials: Donor posters: 0 Own posters: 0 Murals: 0 Leaflets: 0 Counselling cards: 0 Photocopies on wall: 0 • Food provided for mothers: No 	<p>per facility: 0-8 (mostly 4-5 In one facilities KMC provided in recliner chairs)</p> <ul style="list-style-type: none"> • Continuous-KMC environment: KMC space: pleasant to cramped or unattractive Surgical beds: 7/7 Comfortable chairs: 7/7 Back rest or pillows for bed: 6/6 Provision of linen: very few Storage space for mothers: very few • KMC educational materials: Donor posters: 0 Own posters: 0 Murals: 0 Leaflets: 0 Counselling cards: 0 ✓ Photocopies on wall: 1 • Food provided for mothers: No 	<p>per facility: 1-6</p> <ul style="list-style-type: none"> • Continuous-KMC environment: KMC space: pleasant to cramped or unattractive Surgical beds: 8/8 Comfortable chairs: 5/11 Back rest or pillows for bed: 3/11 Provision of linen: very few Storage space for mothers: very few • KMC educational materials: ✓ Donor posters: 7 ✓ Own posters: 2 Murals: 0 Leaflets: 0 Counselling cards: 0 Photocopies on wall: 0 • Food provided for mothers: Not in public health facilities
Practice	<ul style="list-style-type: none"> • Self-report on type of KMC provided: Intermittent: 9/11 hospitals “Continuous”: 14/14 Verified continuous: 11/14 	<ul style="list-style-type: none"> • Self-report on type of KMC provided: Intermittent: 2/7 “Continuous”: 7/7 Verified continuous: Not established 	<ul style="list-style-type: none"> • Self-report on type of KMC provided: Intermittent: 3/7 “Continuous”: 7/7 Verified continuous: Not established 	<ul style="list-style-type: none"> • Self-report on type of KMC provided: Intermittent: 6/9 hospitals “Continuous”: 8/11 Verified continuous: 3/8

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	<ul style="list-style-type: none"> Reasons baby taken out of (continuous) KMC: <ul style="list-style-type: none"> ✓ Feeding (breast/cup) ✓ Nappy change / clean baby ✓ Mother meals ✓ Mother toilet/bath Mother laundry Mother must go out ✓ No guardian around ✓ Mother tired Mother in pain ✓ Reluctance of mother Decision readiness for KMC: <ul style="list-style-type: none"> Clinical Officer: 0 Nurse(s): 14 Joint CO & nurse(s): 4 Awareness of KMC being promoted in antenatal care services: 6/14 Transport to facility in KMC position: <ul style="list-style-type: none"> Always 3 Sometimes 7 Seldom, never 3 No experience 1 Transport from facility in KMC position: <ul style="list-style-type: none"> Always 11 Sometimes 2 Seldom, never 0 No experience 1 	<ul style="list-style-type: none"> Reasons baby taken out of (continuous) KMC: <ul style="list-style-type: none"> ✓ Feeding (breast/cup) Nappy change / clean baby ✓ Mother meals ✓ Mother toilet/bath Mother laundry ✓ Mother must go out No guardian around ✓ Mother tired ✓ Mother in pain ✓ Reluctance of mother Decision readiness for KMC: <ul style="list-style-type: none"> Doctor: 5 Nurse(s): 2 Joint doctor & nurse(s): 7 Awareness of KMC being promoted in antenatal care services: 1/7 Transport to facility in KMC position: <ul style="list-style-type: none"> Always 0 Sometimes 0 Seldom, never 1 No experience 6 Transport from facility in KMC position: <ul style="list-style-type: none"> Always 2 Sometimes 1 Seldom, never 2 No experience 2 	<ul style="list-style-type: none"> Reasons baby taken out of (continuous) KMC: <ul style="list-style-type: none"> Feeding (breast/cup) Nappy change / clean baby ✓ Mother meals ✓ Mother toilet/bath ✓ Mother laundry Mother must go out ✓ No guardian around ✓ Mother tired Mother in pain ✓ Reluctance of mother Decision readiness for KMC: <ul style="list-style-type: none"> Doctor: 6 Nurse(s): 1 Joint doctor & nurse(s): 2 Awareness of KMC being promoted in antenatal care services: 0/7 Transport to facility in KMC position: <ul style="list-style-type: none"> Always 1 Sometimes 4 Seldom, never 1 No experience 1 Transport from facility in KMC position: <ul style="list-style-type: none"> Always 2 Sometimes 3 Seldom, never 1 No experience 1 	<ul style="list-style-type: none"> Reasons baby taken out of (continuous) KMC: <ul style="list-style-type: none"> ✓ Feeding (breast/cup) ✓ Nappy change / clean baby ✓ Mother meals ✓ Mother toilet/bath ✓ Mother laundry ✓ Mother must go out No guardian around ✓ Mother tired ✓ Mother in pain Reluctance of mother Decision readiness for KMC: <ul style="list-style-type: none"> Doctor: 8 Nurse(s): 3 Joint doctor & nurse(s): 7 Awareness of KMC being promoted in antenatal care services: 3/11 Transport to facility in KMC position: <ul style="list-style-type: none"> Always 0 Sometimes 2 Seldom, never 9 No experience 0 Transport from facility in KMC position: <ul style="list-style-type: none"> Always 3 Sometimes 3 Seldom, never 5 No experience 0

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Position	<ul style="list-style-type: none"> Babies observed in KMC position: 8/14 Recording of intermittent KMC: 0/9 Schedule / Programme for intermittent KMC: 0/9 Mothers' diligence of KMC practice <table> <tr> <td>Diligent:</td> <td>7/14</td> </tr> <tr> <td>Some KMC:</td> <td>3/14</td> </tr> <tr> <td>Little KMC:</td> <td>2/14</td> </tr> <tr> <td>Not able to judge:</td> <td>2/14</td> </tr> </table> Tying methods: <ul style="list-style-type: none"> ✓ Local cloth Lycra band ✓ Special blouse Square with bands Kalafong thari Sheets Movement of mother with baby in KMC: <ul style="list-style-type: none"> ✓ Only in KMC room (2) ✓ In neonatal unit/maternity ✓ Within hospital premises (2) 	Diligent:	7/14	Some KMC:	3/14	Little KMC:	2/14	Not able to judge:	2/14	<ul style="list-style-type: none"> Babies observed in KMC position: 2/7 Recording of intermittent KMC: 0/2 Schedule / Programme for intermittent KMC: 0/2 Mothers' diligence of KMC practice <table> <tr> <td>Diligent:</td> <td>1/7</td> </tr> <tr> <td>Some KMC:</td> <td>0/7</td> </tr> <tr> <td>Little KMC:</td> <td>0/7</td> </tr> <tr> <td>Not able to judge:</td> <td>6/7</td> </tr> </table> Tying methods: <ul style="list-style-type: none"> ✓ Local cloth ✓ Lycra band Special blouse ✓ Square with bands Kalafong thari Sheets Movement of mother with baby in KMC: <ul style="list-style-type: none"> Only in KMC room ✓ In paediatric services ✓ Within hospital premises (2) 	Diligent:	1/7	Some KMC:	0/7	Little KMC:	0/7	Not able to judge:	6/7	<ul style="list-style-type: none"> Babies observed in KMC position: 7/7 Recording of intermittent KMC: 0/3 Schedule / Programme for intermittent KMC: 0/3 Mothers' diligence of KMC practice <table> <tr> <td>Diligent:</td> <td>6/7</td> </tr> <tr> <td>Some KMC:</td> <td>0/7</td> </tr> <tr> <td>Little KMC:</td> <td>1/7</td> </tr> <tr> <td>Not able to judge:</td> <td>0/7</td> </tr> </table> Tying methods: <ul style="list-style-type: none"> ✓ Local cloth Lycra band Special blouse Square with bands ✓ Kalafong thari Sheets Movement of mother with baby in KMC: <ul style="list-style-type: none"> Only in KMC room ✓ In neonatal unit/maternity ✓ Within hospital premises 	Diligent:	6/7	Some KMC:	0/7	Little KMC:	1/7	Not able to judge:	0/7	<ul style="list-style-type: none"> Babies observed in KMC position: 6/11 Recording of intermittent KMC: 2/6 Schedule / Programme for intermittent KMC: 0/6 Mothers' diligence of KMC practice <table> <tr> <td>Diligent:</td> <td>3/11</td> </tr> <tr> <td>Some KMC:</td> <td>4/11</td> </tr> <tr> <td>Little KMC:</td> <td>1/11</td> </tr> <tr> <td>Not able to judge:</td> <td>3/11</td> </tr> </table> Tying methods: <ul style="list-style-type: none"> ✓ Local cloth Lycra band Special blouse Square with bands ✓ Kalafong thari ✓ Sheets Movement of mother with baby in KMC: <ul style="list-style-type: none"> ✓ Only in KMC room ✓ In neonatal unit/maternity Within hospital premises 	Diligent:	3/11	Some KMC:	4/11	Little KMC:	1/11	Not able to judge:	3/11
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Topic	Malawi	Mali	Rwanda	Uganda
	<ul style="list-style-type: none"> • Role of guardian / companion for mother: Guardian allowed: 8/14 Unrestricted access: 3/8 Tasks: <ul style="list-style-type: none"> ✓ Psychological support Helping mother with position ✓ Carrying baby in KMC ✓ Twins ✓ Caesarean section ✓ Illness ✓ Spoon of cup feeding ✓ Changing nappies ✓ Collecting medication ✓ Meals / Bringing food Washing mother's clothes ✓ Motivator of KMC to mother ✓ Father as support person 	<ul style="list-style-type: none"> • Role of guardian / companion for mother: Guardian allowed: 7/7 Unrestricted access: 3/8 Tasks: <ul style="list-style-type: none"> ✓ Psychological support ✓ Helping mother with position ✓ Carrying baby in KMC Twins Caesarean section Illness ✓ Spoon of cup feeding Changing nappies ✓ Collecting medication ✓ Meals / Bringing food ✓ Washing mother's clothes ✓ Motivator of KMC to mother Father as support person 	<ul style="list-style-type: none"> • Role of guardian / companion for mother: • Guardian allowed: 6/7 Unrestricted access: 2/7 Tasks: <ul style="list-style-type: none"> Psychological support Helping mother with position ✓ Carrying baby in KMC ✓ Twins Caesarean section ✓ Illness (skin infection) Spoon of cup feeding Changing nappies Collecting medication ✓ Meals / Bringing food ✓ Washing mother's clothes Motivator of KMC to mother ✓ Father as support person 	<ul style="list-style-type: none"> • Role of guardian / companion for mother: • Guardian allowed: 8/11 Unrestricted access: 3/8 Tasks: <ul style="list-style-type: none"> ✓ Psychological support Helping mother with position Carrying baby in KMC ✓ Twins ✓ Caesarean section Illness Spoon of cup feeding Changing nappies Collecting medication ✓ Meals / Bringing food ✓ Washing mother's clothes Motivator of KMC to mother ✓ Father as support person
Nutrition (feeding and weight monitoring)	<ul style="list-style-type: none"> • Written feeding policy: 3/14 • Copy of policy provided: 2/3 • Feeding job aid for calculating volumes of feeds: 11/11 hospitals • Records of each EBM feed: 3/14 	<ul style="list-style-type: none"> • Written feeding policy: 4/7 • Copy of policy provided: 4/4 • Feeding job aid for calculating volumes of feeds: 5/7 hospitals • Records of each EBM feed: 3/7 	<ul style="list-style-type: none"> • Written feeding policy: Incorporated in national neonatal protocols • Copy of policy provided: Printed document • Feeding job aid for calculating volumes of feeds: Part of neonatal protocols (displayed in 3 hospitals) • Records of each EBM feed: 4/7 	<ul style="list-style-type: none"> • Written feeding policy: 3/11 • Copy of policy provided: 3/3 • Feeding job aid for calculating volumes of feeds: 6/9 hospitals • Records of each EBM feed: 3/9

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	<ul style="list-style-type: none"> Regular weighing of babies: 11/14 Once per day: 0 Twice per week: 1 Recording of weight: <ul style="list-style-type: none"> ✓ Baby's observation sheet ✓ Baby's file (nursing/doctors notes) ✓ Feeding chart ✓ KMC register Daily weight register ✓ Labour chart Baby's health passport ✓ Mother's health passport 	<ul style="list-style-type: none"> Regular weighing of babies: 7/7 Once per day: 7 Recording of weight: <ul style="list-style-type: none"> ✓ Baby's observation sheet Baby's file (nursing/doctors notes) Feeding chart ✓ KMC register Daily weight register Labour chart ✓ Baby's health passport Mother's health passport 	<ul style="list-style-type: none"> Regular weighing of babies: 7/7 Once per day: 7 Recording of weight: <ul style="list-style-type: none"> ✓ Baby's observation sheet Baby's file (nursing/doctors notes) Feeding chart KMC register ✓ Daily weight register Labour chart Baby's health passport Mother's health passport 	<ul style="list-style-type: none"> Regular weighing of babies: 7/11 Once per day: 10 Once every 2 days: 2 Once per week: 1 Recording of weight: <ul style="list-style-type: none"> ✓ Baby's observation sheet ✓ Baby's file (nursing/doctors notes) Feeding chart KMC register Daily weight register ✓ Mother's chart Baby's health passport Mother's health passport
Documentation and record keeping (availability, completeness)	<ul style="list-style-type: none"> Quality of data: Good: 4 Average: 6 Poor: 4 Special collective KMC register (printed or handwritten): 10/14 Other records with KMC evidence: <ul style="list-style-type: none"> ✓ Baby's observation sheet (3) ✓ Nurses' or doctors' notes (4) ✓ Baby's health passport (10) Discharge letter 	<ul style="list-style-type: none"> Quality of data: Good: 2 Average: 4 Poor: 1 Special collective KMC register (printed or handwritten): 7/7 Other records with KMC evidence: <ul style="list-style-type: none"> ✓ Baby's observation sheet (5) ✓ Nurses' or doctors' notes ✓ Baby's health passport (6) Discharge letter 	<ul style="list-style-type: none"> Quality of data: Good: 2 Average: 5 Poor: 0 Special collective KMC register (printed or handwritten): 5/7 Other records with KMC evidence: <ul style="list-style-type: none"> ✓ Baby's observation sheet (6) ✓ Nurses' or doctors' notes (4) Baby's health passport Discharge letter 	<ul style="list-style-type: none"> Quality of data: Good: 1 Average: 6 Poor: 4 Special collective KMC register (printed or handwritten): 7/11 Other records with KMC evidence: <ul style="list-style-type: none"> Baby's observation sheet ✓ Nurses' or doctors' notes (4) ✓ Baby's health passport (1) ✓ Discharge letter (1)

Topic	Malawi	Mali	Rwanda	Uganda
	<ul style="list-style-type: none"> • Summary figures for at least one year: 13/14 No breakdown continuous and intermittent KMC LBW babies with and without KMC grouped together Poor recording – accuracy of audit? • Written documents to contribute to sustainability: <ul style="list-style-type: none"> Checklist procedures on admission (0) ✓ Guidelines for practice of KMC / LBW (9) ✓ Criteria for admission & re-admission (4) ✓ Discharge criteria (2) ✓ Daily monitoring (1) ✓ Daily counselling (1) 	<ul style="list-style-type: none"> • Summary figures for at least one year: 3/7 Poor recording – accuracy of audit? • Written documents to contribute to sustainability: <ul style="list-style-type: none"> Checklist procedures on admission (0) ✓ Guidelines for practice of KMC / LBW (2) Criteria for admission & re-admission Discharge criteria Daily monitoring Daily counselling 	<ul style="list-style-type: none"> • Summary figures for at least one year: 4/7 No breakdown continuous and intermittent KMC LBW babies with and without KMC grouped together • Written documents to contribute to sustainability: <ul style="list-style-type: none"> Checklist procedures on admission (0) ✓ Guidelines for practice of KMC / LBW (7)* ✓ Criteria for admission & re-admission (7)* ✓ Discharge criteria (7)* ✓ Daily monitoring (7)* ✓ Daily counselling <p>* Included in national neonatal protocols</p>	<ul style="list-style-type: none"> • Summary figures for at least one year: 4/7 • Written documents to contribute to sustainability: <ul style="list-style-type: none"> ✓ Checklist procedures on admission (2) ✓ Guidelines for practice of KMC / LBW (2) Criteria for admission & re-admission Discharge criteria Daily monitoring Daily counselling
Staff	<ul style="list-style-type: none"> • Total of known number of health workers trained in KMC: 780 A lot of training integrated in ENC, IMNC and EMOnC • Total of known number trained in facilities visited: 238 Range per facility: 0-155 	<ul style="list-style-type: none"> • Total of known number of health workers trained in KMC: Unknown • Total of known number trained in facilities visited: 142 Range per facility: 2-71 Problem of staff leaving shortly after having been trained – loss of continuity and skills 	<ul style="list-style-type: none"> • Total of known number of health workers trained in KMC: 501 A lot of training integrated in ENC, IMNC and EMOnC • Total of known number trained in facilities visited: 60 Range per facility: 3-14 	<ul style="list-style-type: none"> • Total of known number of health workers trained in KMC: Unknown A lot of training integrated in ENC, IMNC and EMOnC • Total of known number trained in facilities visited: 262 (under-estimate) Range per facility: 1-60

Topic	Malawi	Mali	Rwanda	Uganda
	<ul style="list-style-type: none"> • Long-term plan for KMC training: 8/14 • Plan in writing: 3/8 • Staff allocations: Rotation of nurses: 10/14 No night duty for registered nurses: 2/10 KMC wards not adequately supervised, especially at night • Special KMC orientation programme for new staff: 3/14 • Practical training for students: 12/14 Nursing: 11/12 Medical & related: 8/12 • Not all (especially junior) students rotate through KMC 	<ul style="list-style-type: none"> • Long-term plan for KMC training: 2/7 • Plan in writing: 1/2 • Staff allocations: Rotation of nurses: 0/7 • Special KMC orientation programme for new staff: 2/7 • Practical training for students: 7/7 Nursing: 7/7 Medical: 6/7 	<ul style="list-style-type: none"> • Long-term plan for KMC training: 6/7 • Plan in writing: 0/6 • Staff allocations: Rotation of nurses: 1/7 • Special KMC orientation programme for new staff: 6/7 • Practical training for students: 5/7 Nursing: 5/5 Medical: 5/5 	<ul style="list-style-type: none"> • Long-term plan for KMC training: 3/11 • Plan in writing: 1/3 • Staff allocations: Rotation of nurses: 11/11 • Special KMC orientation programme for new staff: 5/11 • Practical training for students: 9/11 Nursing: 8/9 Medical: 5/9 • Not all (especially junior) students rotate through KMC
Discharge and follow-up	<ul style="list-style-type: none"> • Decision readiness for discharge: Clinical Officer: 0 Nurse(s): 14 Joint CO & nurse(s): 5 Mother's request: 0 • Evidence of follow-up system (documentation, schedule, etc): Good evidence: 3 Partial evidence: 9 Little / No evidence: 2 	<ul style="list-style-type: none"> • Decision readiness for discharge: Doctor: 6 Nurse(s): 1 Joint doctor & nurse(s): 3 Mother's request: 0 • Evidence of follow-up system (documentation, schedule, etc): Good evidence: 4 Partial evidence: 3 Little / No evidence: 0 	<ul style="list-style-type: none"> • Decision readiness for discharge: Doctor: 7 Nurse(s): 0 Joint doctor & nurse(s): 1 Mother's request: 0 • Evidence of follow-up system (documentation, schedule, etc): Good evidence: 5 Partial evidence: 2 Little / No evidence: 0 	<ul style="list-style-type: none"> • Decision readiness for discharge: Doctor: 8 Nurse(s): 3 Joint doctor & nurse(s): 7 Mother's request: 5 • Evidence of follow-up system (documentation, schedule, etc): Good evidence: 4 Partial evidence: 2 Little / No evidence: 5

Topic	Malawi	Mali	Rwanda	Uganda
	<ul style="list-style-type: none"> • Location of initial follow-up: Mostly at facility where born or receiving KMC* In KMC space (7) In neonatal unit (1) Paediatric outpatients Maternity ward (4) * Excluding 2 community health centres • Records of follow-up visits: 12/14 ✓ Register (date & weight only) (10) ✓ Baby's health passport (1) ✓ Special follow-up form (1) Baby's original file Doctor's notes • End-point of special review: Weight: mostly 2500 g Age: - Number of visits: - • Estimates of follow-up rates: range of 50-100% (one = 5%) 	<ul style="list-style-type: none"> • Location of initial follow-up: Mostly at facility where born or receiving KMC ✓ In KMC space (4) ✓ In neonatal unit (2) ✓ Paediatric outpatients (1) Maternity ward • Records of follow-up visits: 6/7 Register (date & weight only) Baby's health passport ✓ Special follow-up form (6) Baby's original file Doctor's notes • End-point of special review: Weight: 2500 g (2) Age: 1 year corrected age (3) 18 months (1) 2 years (1) Number of visits: - • Estimates of follow-up rates: range of 20-98% 	<ul style="list-style-type: none"> • Location of initial follow-up: Mostly at facility where born or receiving KMC ✓ In KMC space (2) ✓ In neonatal unit (3) ✓ Paediatric outpatients (2) Maternity ward • Records of follow-up visits: 5/7 ✓ Register (date & weight only) (3) Baby's health passport Special follow-up form (1) ✓ Baby's original file (1) Doctor's notes • End-point of special review: Weight: 2000 g – 2500 g (4) Age: - Number of visits: 1 visits (1) 4 visits (2) • Estimates of follow-up rates: range of <50-100% 	<ul style="list-style-type: none"> • Location of initial follow-up: Mostly at facility where born or receiving KMC In KMC space ✓ In neonatal unit (4) ✓ Paediatric outpatients (3) ✓ Maternity ward (4) • Records of follow-up visits: 6/11 ✓ Register (date & weight only) (3) Baby's health passport Special follow-up form ✓ Baby's original file (1) ✓ Doctor's notes (2) Mostly no distinction between LBW and KMC babies in records • End-point of special review: Weight: 2000 – 3000 g (Mostly 2500 g) Age: 2 years (1) Number of visits: 3 visits (1) • Estimates of follow-up rates: range of 30-95%

Topic	Malawi	Mali	Rwanda	Uganda
	<ul style="list-style-type: none"> • Home visits: 5 hospitals HSAs linked to health centres Mostly for tracing defaulters 	<ul style="list-style-type: none"> • Home visits: None 	<ul style="list-style-type: none"> • Home visits: None 	<ul style="list-style-type: none"> • Home visits: 1 hospital (research study) 3 informal visits Mostly for tracing defaulters
	<ul style="list-style-type: none"> • Methods of communication with health centres: None Phone ✓ Referral/discharge slip (6) ✓ Baby's health passport (5) ✓ Mother provided with contact number of HSAs (1) 	<ul style="list-style-type: none"> • Methods of communication with health centres: ✓ None (3) Phone ✓ Referral/discharge slip (4) Baby's health passport Mother provided with contact number of nearest community health worker 	<ul style="list-style-type: none"> • Methods of communication with health centres: ✓ None (4) ✓ Phone (1) ✓ Referral/discharge slip (2) Baby's health passport Mother provided with contact number of ASM 	<ul style="list-style-type: none"> • Methods of communication with health centres: ✓ None (5) ✓ Phone (2) ✓ Referral/discharge slip (4) Baby's health passport Mother provided with contact number of nearest community health worker

Topic	Malawi	Mali	Rwanda	Uganda
	<ul style="list-style-type: none"> • Measures to encourage follow-up: <ul style="list-style-type: none"> None ✓ Providing follow-up dates ✓ Importance of follow-up (e.g. vaccinations, growth monitoring) ✓ Notes in baby's health passport ✓ Good relationship of staff with mothers ✓ Praise for good care ✓ Threat tactics (1) ✓ Incentives (e.g. baby hats) ✓ Free hospital stay and follow-up Phone calls ✓ Referral to HSA 	<ul style="list-style-type: none"> • Measures to encourage follow-up: <ul style="list-style-type: none"> None Providing follow-up dates ✓ Importance of follow-up (e.g. vaccinations, growth monitoring) (6) Notes in baby's health passport Good relationship of staff with mothers Praise for good care Threat tactics ✓ Incentives (e.g. KMC pouch) ✓ Free hospital stay and follow-up ✓ Phone calls (to defaulters) Referral to community health workers 	<ul style="list-style-type: none"> • Measures to encourage follow-up: <ul style="list-style-type: none"> None Providing follow-up dates ✓ Importance of follow-up (e.g. vaccinations, growth monitoring) Notes in baby's health passport Good relationship of staff with mothers Praise for good care Threat tactics Incentives Free hospital stay and follow-up Phone calls ✓ Referral to ASM (2) 	<ul style="list-style-type: none"> • Measures to encourage follow-up: <ul style="list-style-type: none"> ✓ None ✓ Providing follow-up dates Importance of follow-up (e.g. vaccinations, growth monitoring) Notes in baby's health passport Good relationship of staff with mothers Praise for good care Threat tactics Incentives (e.g. baby hats) Free hospital stay and follow-up ✓ Phone calls (from mothers) Referral to community health workers Know they will see hospital
Client satisfaction (not focus of evaluation)	<ul style="list-style-type: none"> • Not probed 	<ul style="list-style-type: none"> • Not probed 	<ul style="list-style-type: none"> • Not probed 	<ul style="list-style-type: none"> • Not probed • One private-not-for-profit hospital had a book where clients could write comments on their KMC experience

Topic	Malawi	Mali	Rwanda	Uganda
Community involvement (not focus of evaluation)	<ul style="list-style-type: none"> • Training of health surveillance assistants (HSAs) in newborn care • In at least one of the learning districts • Great variations among districts • Grandmothers as promoters of KMC in at least one district • Advocacy activities and sensitisation of traditional leaders in some districts 	<ul style="list-style-type: none"> • No specific training action directed from the national level • Some training and sensitisation activities in one district 	<ul style="list-style-type: none"> • Initiation of <i>agents de santé maternelle</i> (ASMs) • KMC part of ASM package • Not probed in depth 	<ul style="list-style-type: none"> • Eclectic, depending on which districts were targeted for training in newborn care • Uganda Newborn Study (UNEST) in one district linked implementation with research that included community health workers • Unknown