

KAREn

KAngaroo REcords

An electronic health records platform to support Kangaroo Mother Care



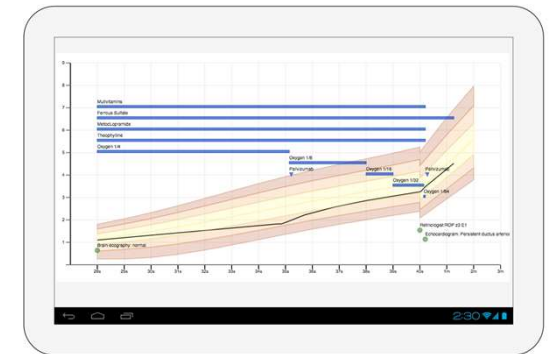
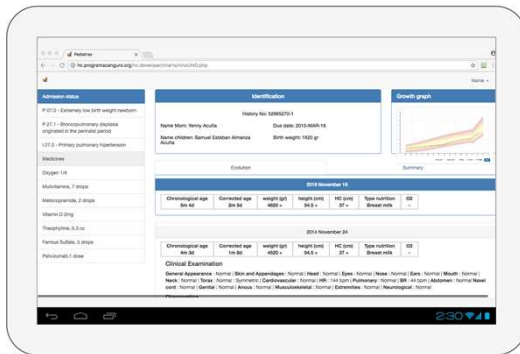


Qualitative research to study the
informatics need of KMC
programs

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KAngaroo REcords

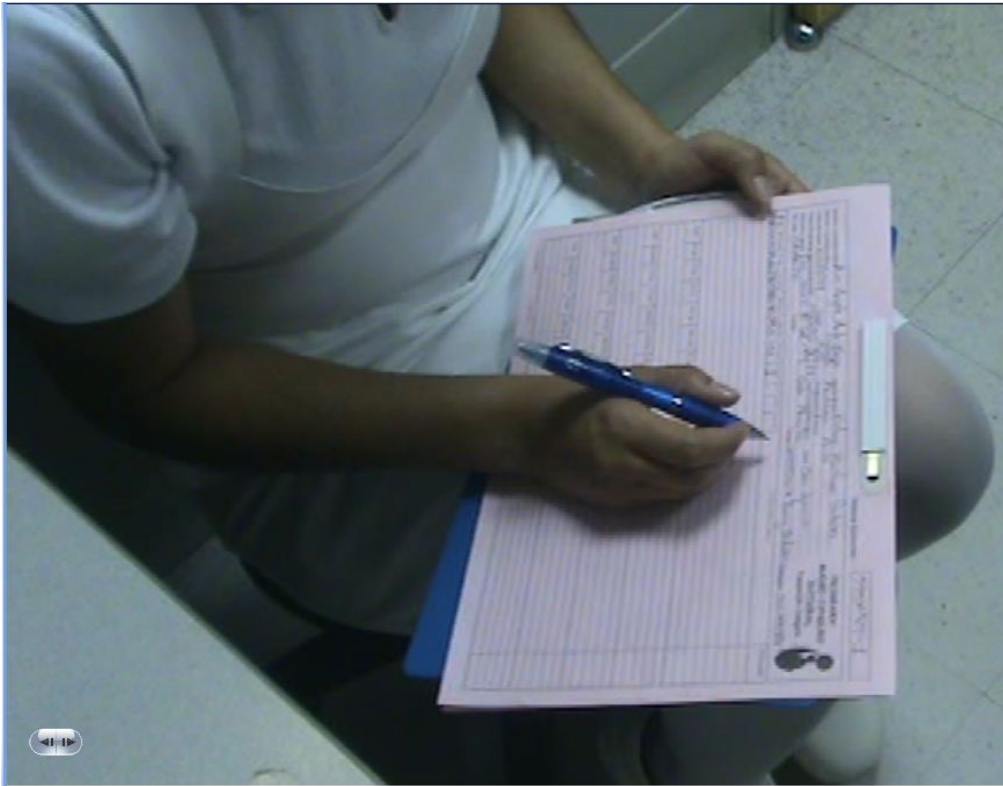
An electronic health records platform to support Kangaroo Mother Care



The 'Gestational age' form includes sections for 'GA by LMD', 'GA by Ballard', 'GA by ECO 1st trimester', and 'Other'. Each section has a 'Wks' and 'Days' input field. Below these are several assessment categories with radio button options for 'Normal', 'Abnormal', or 'N/A'. The 'Note' column contains text for each category.

Name	Result	Note
Overall Appearance	<input type="radio"/> Normal <input checked="" type="radio"/> Abnormal <input type="radio"/> N/A	Dwarfism
Skin and Mucous Membranes	<input checked="" type="radio"/> Normal <input type="radio"/> Abnormal <input type="radio"/> N/A	Moist mucous membranes, 100.4 °F
Head	<input checked="" type="radio"/> Normal <input type="radio"/> Abnormal <input type="radio"/> N/A	
Eyes	<input type="radio"/> Normal <input checked="" type="radio"/> Abnormal <input type="radio"/> N/A	Protruding, watery
Nose	<input type="radio"/> Normal <input checked="" type="radio"/> Abnormal <input type="radio"/> N/A	Clear mucus
Ears	<input checked="" type="radio"/> Normal <input type="radio"/> Abnormal <input type="radio"/> N/A	

Health records

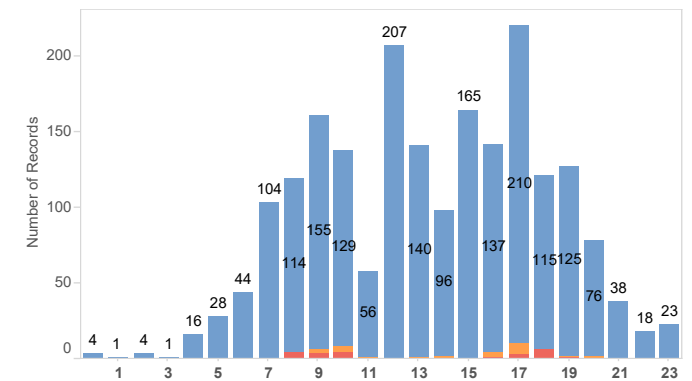
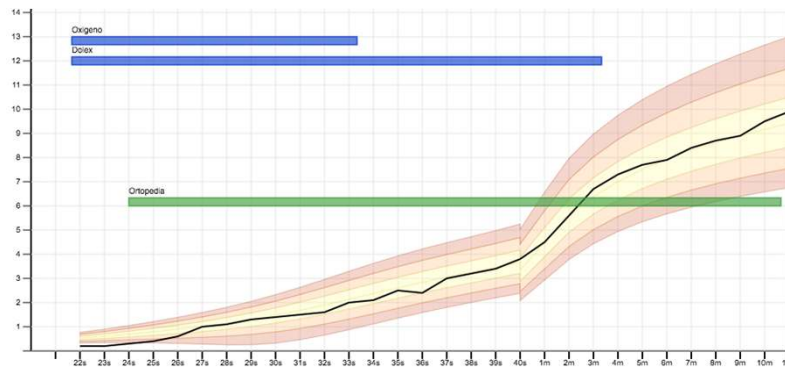


- Enable continuity of care
- Patient management tool
- Communication tool among health professionals
- Audit record

Electronic Health Records

Gestational age

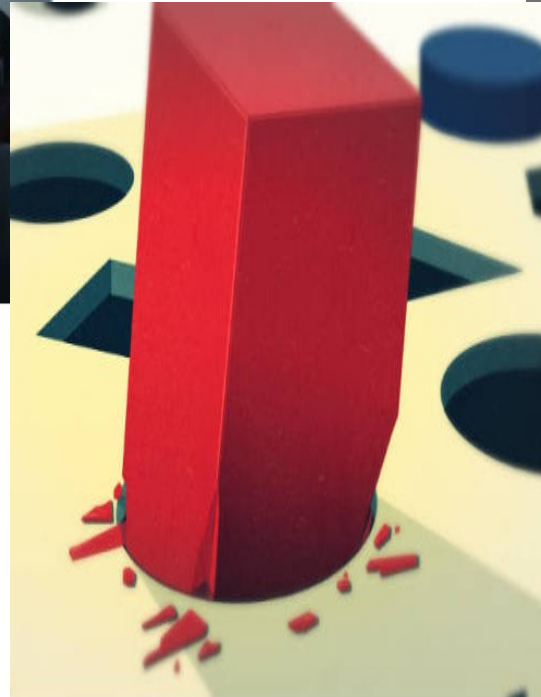
GA by LMD		GA by Ballard		GA by ECO 1st trimester		Other	
<input type="text"/>	Wks	<input type="text"/>	Wks	<input type="text"/>	Wks	<input type="text"/>	Wks
<input type="text"/>	Days	<input type="text"/>	Days	<input type="text"/>	Days	<input type="text"/>	Days
Name	Result		Note				
Overall Appearance	<input type="radio"/> Normal	<input checked="" type="radio"/> Abnormal	<input type="radio"/> N/A	Dwarfism			
Skin and Mucous Membranes	<input checked="" type="radio"/> Normal	<input type="radio"/> Abnormal	<input type="radio"/> N/A	Moist mucous membranes, 100.4 °F			
Head	<input checked="" type="radio"/> Normal	<input type="radio"/> Abnormal	<input type="radio"/> N/A				
Eyes	<input type="radio"/> Normal	<input checked="" type="radio"/> Abnormal	<input type="radio"/> N/A	Protruding, watery			
Nose	<input type="radio"/> Normal	<input checked="" type="radio"/> Abnormal	<input type="radio"/> N/A	Clear mucus			
Ears	<input checked="" type="radio"/> Normal	<input type="radio"/> Abnormal	<input type="radio"/> N/A				



Not any EHR



Not any EHR



Not any EHR

NextGen EMR: John Dokes - [06/26/2007 12:00 PM : "Master Im"]

File Edit Default View Tools Utilities Window Help

Main Office Barclay, Joseph MD

Patient: John Dokes **Age:** 47 **DOB:** 03/14/1960
Current Provider: Joseph Barclay MD **Gender:** Male **Current Encounter:** 06/26/2007

Reason(s) for visit: cough, headache
Brief Visit: FU, FU, FU, FU
Chronic Problem List: Chronic Problem

Vitals: Vital Signs Outside Normal Range
Date / Time: 06/26/2007 12:00 PM
Temp F: 98.4, Temp C: 1.3050, BP: 80, Pulse: regular, Respiration: 16, Ht. In: 71.0, Ht. Cm: 216.00, Wt. Kg: , Wt. Lb: , Cont: dress

Medications: SMVASTATIN 10MG 1T PO OD

Allegies: Latex, Morphine, h2o, Dimethicone (From A & D Emollient), Glycerin (F)

AWARE TEST1 21 M DOB: 1/1/1989 MRN: M685 FIN: V0000001905
Admit: 8/9/2010 Unit LOS: 22 days Location: INTENSIVE CARE UNIT-1803ICU-1

Dose Weight: No Result **Actual Weight:** 95lbs

Vital Signs (8/31/2010 20:20): HR (118-119), T (Temp) (37.1141-37.1141), HR (66-79), O2 Sat (95-96)

Hemodynamics (8/31/2010 20:20): CVP (3-3)

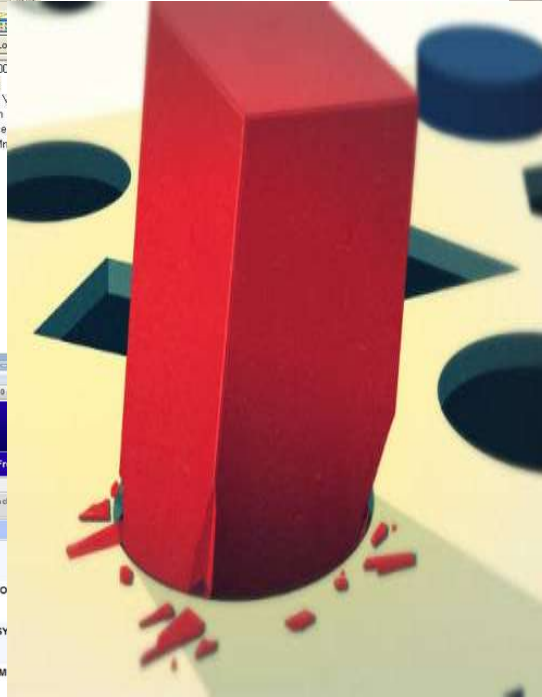
Blood Pressures (8/31/2010 20:20): SBP (71-113), MAP (53-87), DBP (47-74)

Respiratory Infections (8/31/2010 20:20): DOPamine (mL/hr)

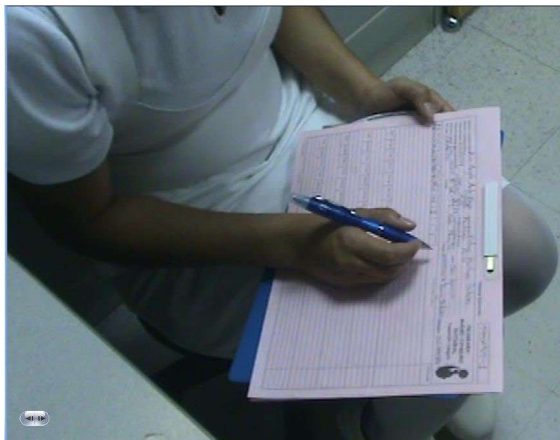
Blood Gases (Last 2 in 24 hours): pH 7.34, PCO2 66.1, HCO3 22.6, BE -3.2, PCO2 80.0, O2 % 91.8

Chemistry (Last 2 in 24 hours): Lactate 1.7, Na 134, K 4.2, Cl 105, CO2 22, BUN 11, Creat 1.3, Glu 104, Ca 7.9, T Bil 0.4, AST 24, ALT 16, AR Phos 85

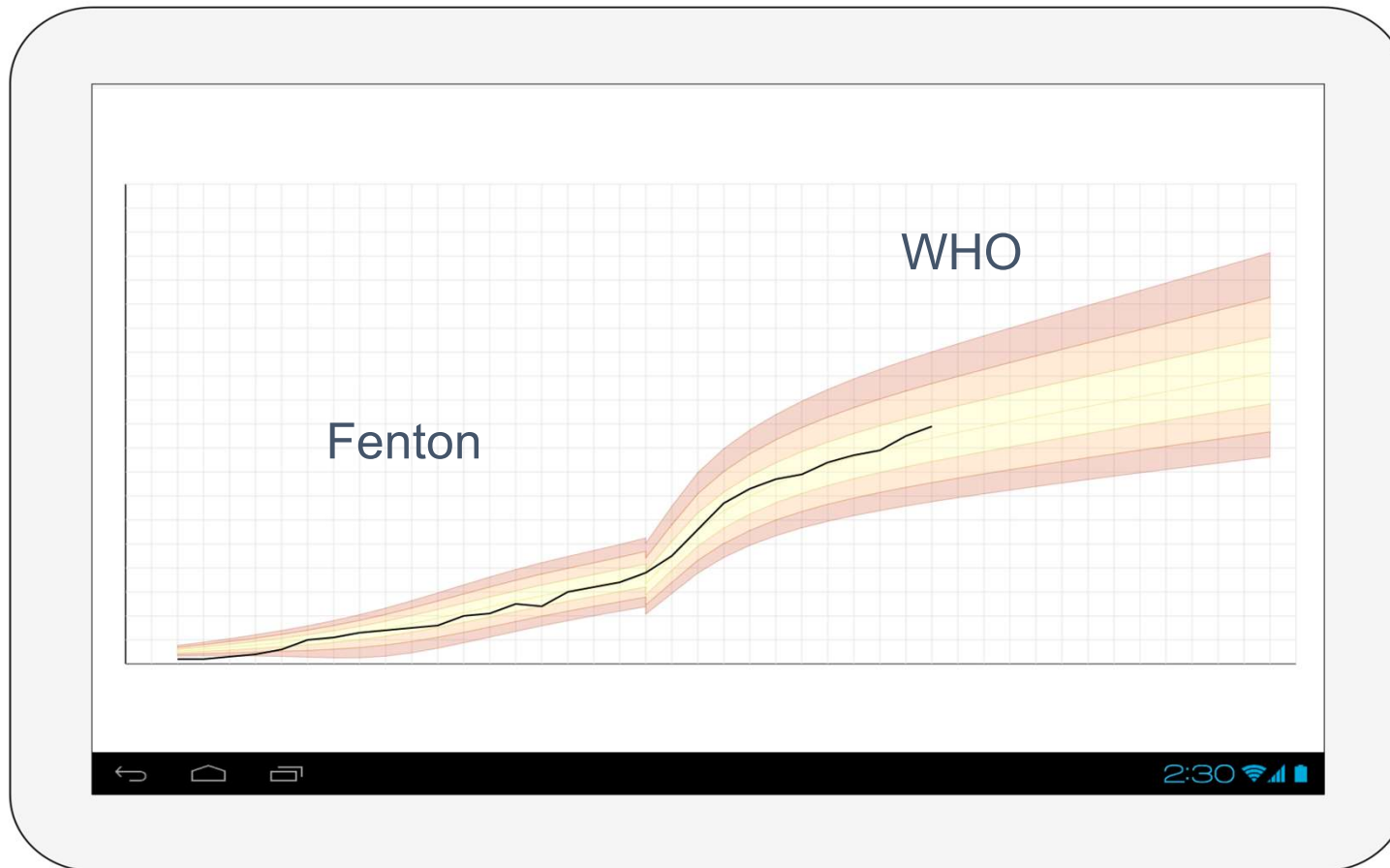
Scheduled Medications: ALBUTEROL/IPRATROPIUM INHALER, ARTIFICIAL TEARS OPHTH SO 15ML BTL, ENOXAPARIN 40 MG/0.4 ML SY, FAMOTIDINE IPFB 20 MG/50 M BAG, NICOTINE 14 MG/24 HR TDSY, PIPERACILLIN/TAZO 3.375 GM (ZOSYN) IPFB, Vanco. 1 GM FROZEN (PHARMACY Only), 0.9% NAACL 1000 ML IV



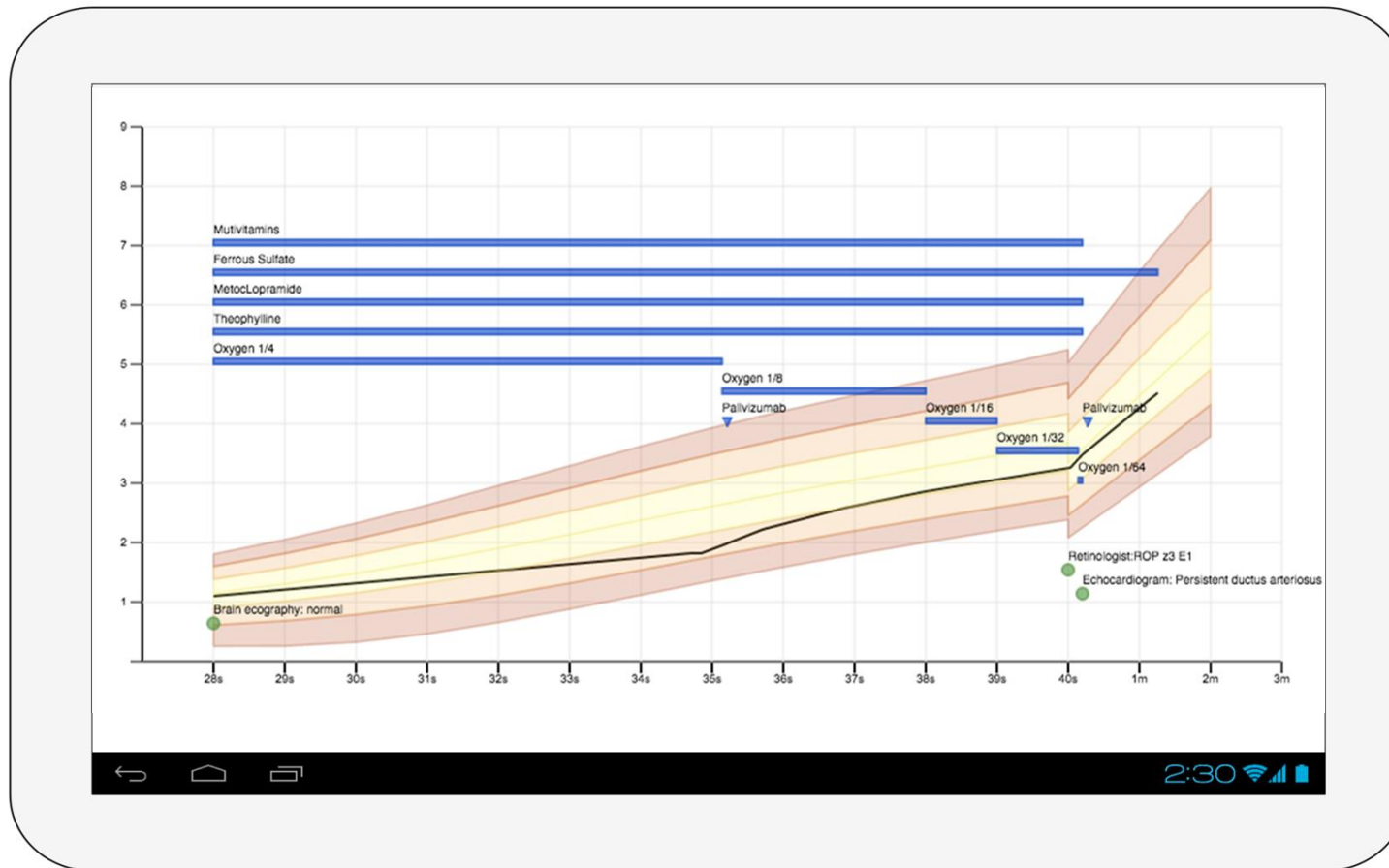
An EHR that moves around



Focused on LBW



Supporting clinical reasoning



Promoting adherence while unlocking

Gestational age

GA by LMD	GA by Ballard	GA by ECO 1st trimester	Other
<input type="text"/> Wks	<input type="text"/> Wks	<input type="text"/> Wks	<input type="text"/> Wks
<input type="text"/> Days	<input type="text"/> Days	<input type="text"/> Days	<input type="text"/> Days

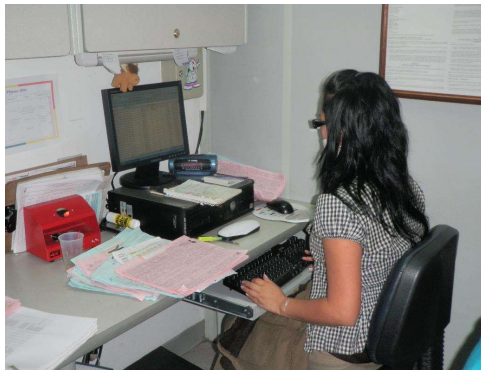
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Ears	<input checked="" type="radio"/> Normal <input type="radio"/> Abnormal <input type="radio"/> N/A	

2:30

Providing cleaner data



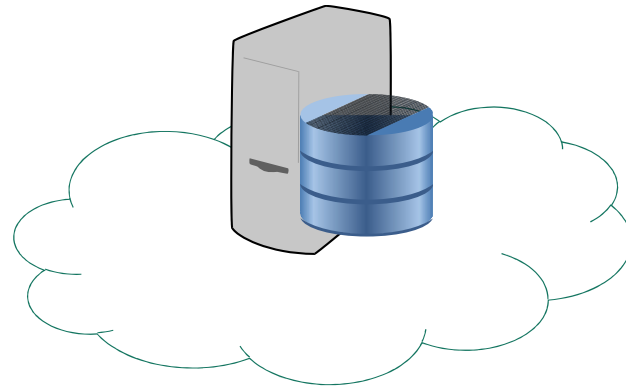
Instead of ...



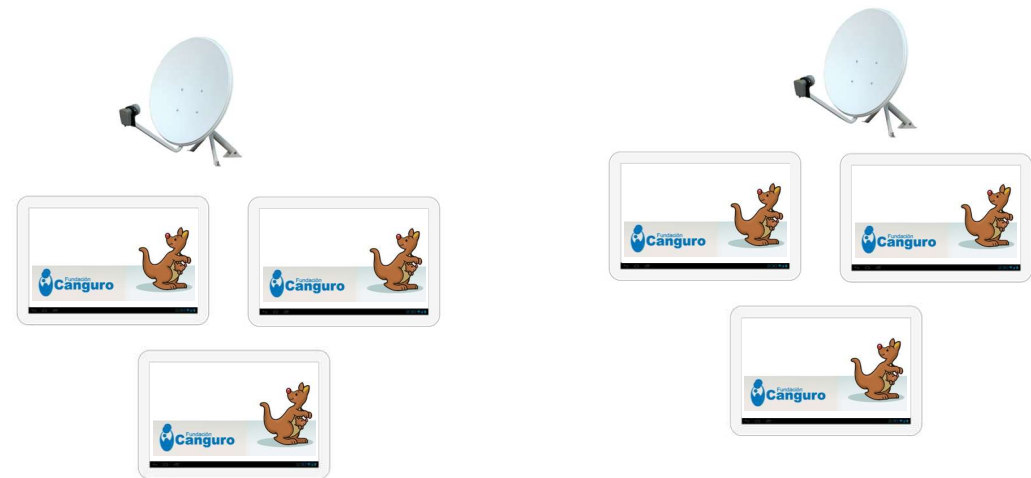
Economies of scale



Consolidated



Distributed



Thanks!

Please visit our poster
for a hands-on
demonstration

