

Research Resources at the NEW Children's Center for Advanced Pediatrics (CAP)

August 24th, 2018



BREAKING NEW GROUND



Outline

- Stephanie Meisner: Children's Director, Clinical Research
 - Overview of NDH Campus and CAP
- Nadine Spring: Emory's Director, Clinical Research Services
 - Emory staff/coordinators resources
- Brad Hanberry: Emory's Laboratory Director
 - Emory lab space
- Cheryl Stone: Lead Research Nurse, PRC
 - PRC & IDS
- Cindy Brawley: Children's Lab Manager
 - Clinical Lab and Research Processing
- Van Pineda Wung: Children's Clinical Chemist
 - Research Pathology

Transformative



A view from every window



Access to nature, views, and sunlight



8.5% shorter hospital stays

Increased pain tolerance

Reduced stress

Reduced blood pressure

Reduced pain

Patients with access to sunlight took **22% less** analgesic medication

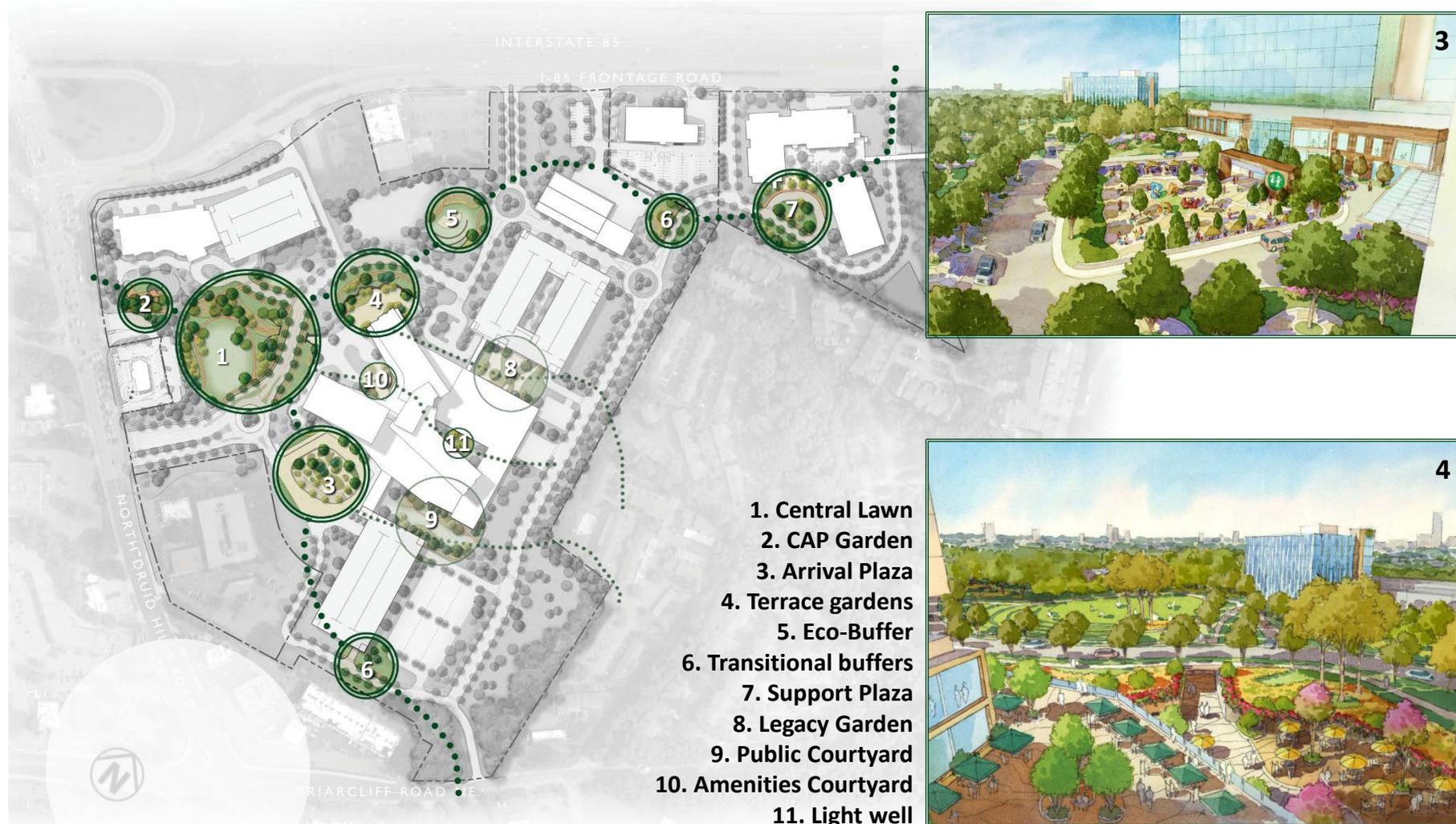
30% savings in energy costs on average by utilizing natural daylight

Positive change within 5 minutes of viewing nature settings

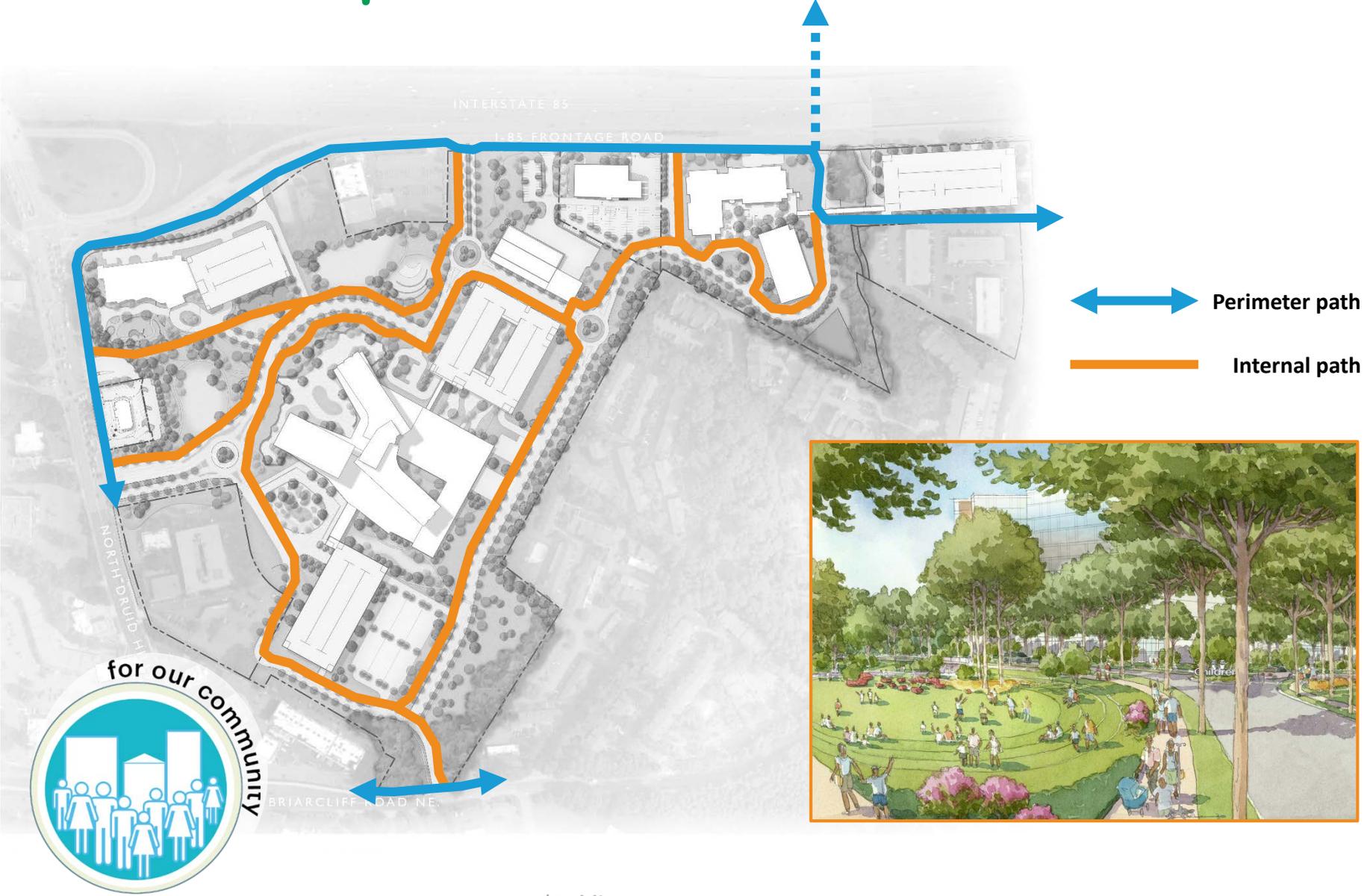




A string of pearls... green space



The Campus Beltline



*Public Image

Healthy buildings



Children's Healthcare of Atlanta
Center for Advanced Pediatrics

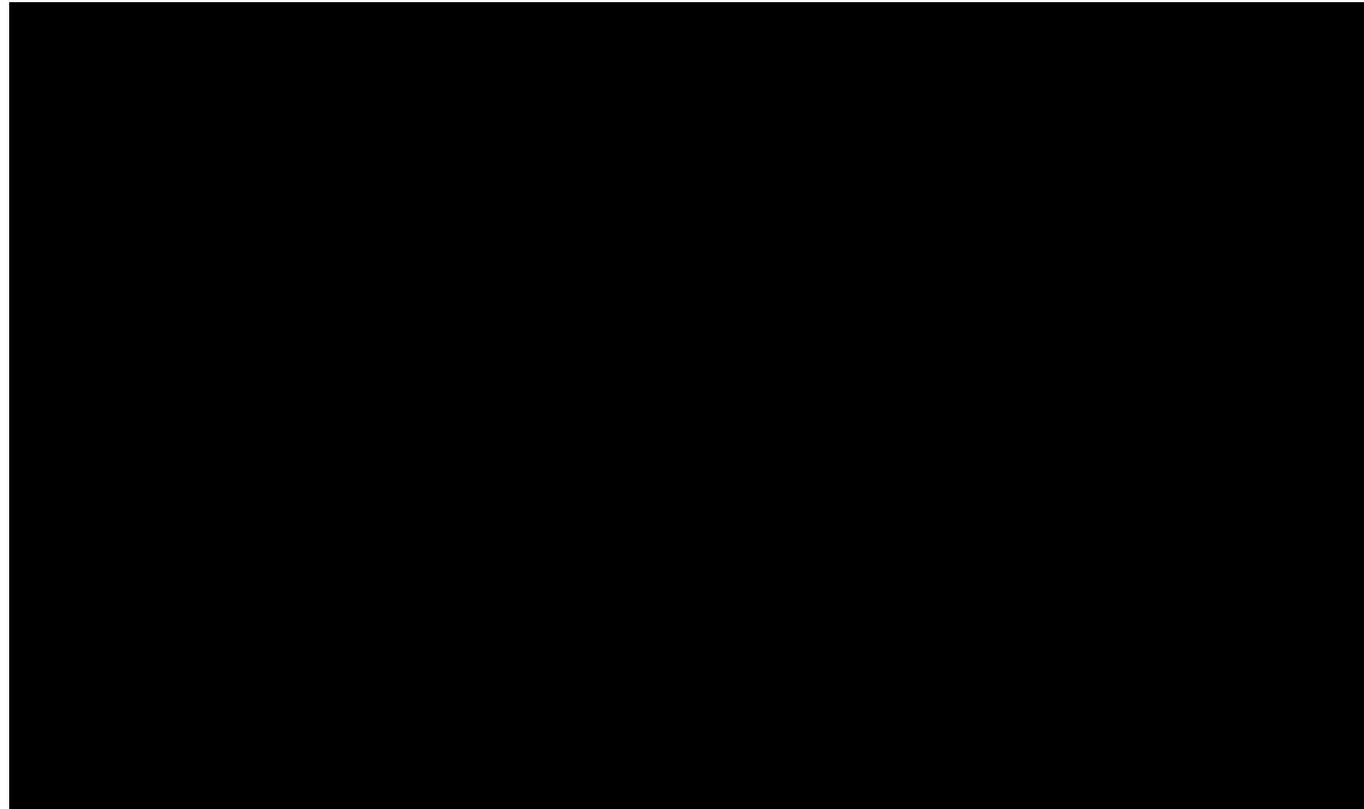


BREAKING NEW GROUND

Center For Advanced Pediatrics



The Making of the Center For Advanced Pediatrics Video



Link: <https://youtu.be/6tlb8mIPNAo>

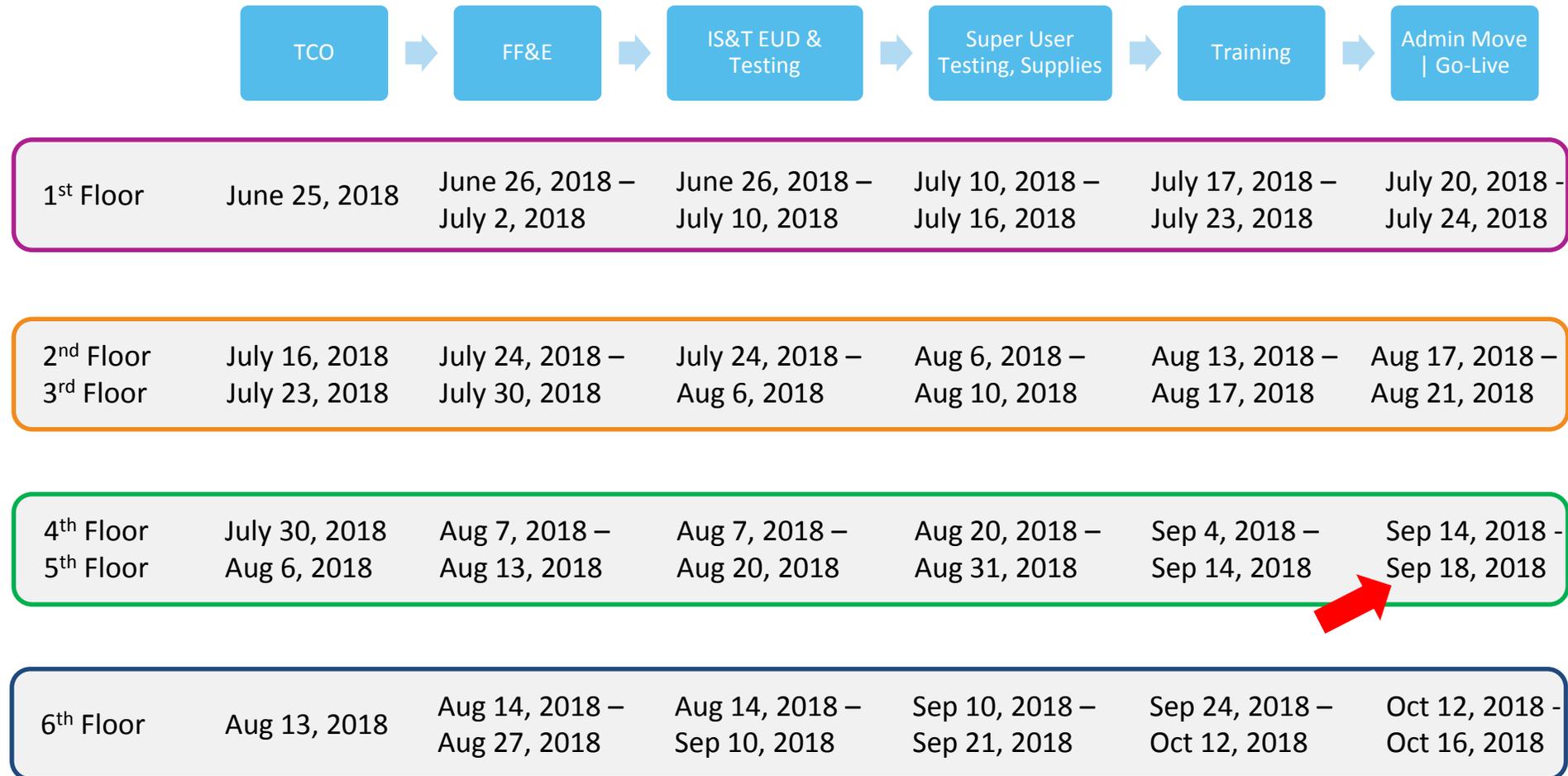
Center For Advanced Pediatrics



Pediatric Specialties and Services by Floor

TCO	Move-in/Patient Care Go-Live	Specialties/Services			Support	Floor	
7/10/2018	8/21/2018	ADMINISTRATION			FLOOR SUPPORT	8	
7/10/2018	7/23/2018	ADMINISTRATION			FLOOR SUPPORT	7	
8/13/2018	10/16/2018	SIBLEY CARDIO	FUTURE	JUDSON HAWK	FLOOR SUPPORT	6	
8/6/2018	9/18/2018	PACS	Tech Dep	CF	CLINICAL RES.	FLOOR SUPPORT	5
7/30/2018	9/18/2018	NEURO PSYCH.	NEUROLOGY		NEURO DIAG.	FLOOR SUPPORT	4
7/23/2018	8/21/2018	CHILDREN'S FEEDING		ENDO/DIABETES	FLOOR SUPPORT	3	
7/16/2018	8/21/2018	MEDICAL SPECIALTIES			FLOOR SUPPORT	2	
6/25/2018	7/24/2018	SURGERY/ENT/AUDIOLOGY		IMAGING/PHLEBOTOMY	OPEN LOBBY	1 ENTRY LEVEL	
6/25/2018	7/24/2018	MECHANICAL	SUPPORT				

Timeline of Key Dates



1. Each Patient Care Go-Live is spaced 28 days apart, regardless of TCO, due to resource availability for clinic moves
2. Administrative moves take place on the Friday before a clinic go live, administrative staff move in on a Monday
3. Clinic go-lives are on a Tuesday after associated administrative staff move into the building

Purpose of CAP

Our Vision

Complex Care Management

Children's pediatric specialists take care of a significant number of **medically complex children who require multidisciplinary care** coordination in order to optimize their outcomes

Physician Productivity & Patient Coordination

A goal of the CAP is to enable operational efficiencies by combining a number of clinics under one roof, **improving provider productivity, care coordination, and patient accessibility**

Growth Accommodation

Pulling services off hospital campuses will **allow growth for our medically complex programs. Additionally, this will allow for inpatient bed growth** to meet the current capacity constraints

Patient Centered Care Delivery

Current State

Scottish Rite MOB
Physiatry, Multidisciplinary



CF Building
Neuropsychology



North Druid Hills
PACS, Neurology, EEG



'ECC' Location
CSS, Sibley



Egleston
Lab, Hepatology, Radiology



Century Center
Pediatric Surgery Practice



Future State

Center for Advanced Pediatrics



Care Delivery

- ✓ System level center-based models
- ✓ Improved clinical trials capabilities
- ✓ Enhanced telemedicine

Patients

- ✓ Easier access
- ✓ Improved appointment availability
- ✓ Centralized programs & services
- ✓ "Child friendly" design and set-up

Physicians

- ✓ Flexible exam room suite modules
- ✓ Shared and collaborative provider work areas
- ✓ Centrally located between all 3 hospital campuses

Pediatric specialties and services by floor

First floor

- Cafe
- Teaching Kitchen and classroom
- General surgery
- Gynecology
- Otolaryngology (ENT)
- X-ray and lab*

Second floor

- Developmental progress
- Gastroenterology
- Infectious diseases
- Interventional radiology
- Nephrology
- Physiatry*
- Rheumatology

Third floor

- Diabetes and endocrinology
- Feeding

Fourth floor

- Neurology
- Neurophysiology (EEG/EMG)*
- Neuropsychology

Fifth floor

- Allergy and immunology
- Clinical research**
- Cystic fibrosis (CF)
- Pulmonology
- Sleep
- Technology-dependent

Sixth floor

- Cardiology
- Judson L. Hawk Jr., MD, Clinic for Children*

The Judson L. Hawk Jr., MD, Clinic for Children includes aerodigestive, 22q, cerebral palsy, dermatology, genetics, medically complex, muscular dystrophy, neurogastroenterology and motility, neuro spine, neurofibromatosis, pain relief, pelvic and anorectal, skeletal dysplasia, spasticity, spina bifida, Strong4Life, tuberous sclerosis and vascular anomalies.

*A department of Children's at Scottish Rite hospital.

**A department of Children's at Egleston hospital.

Visit choa.org/breakingnewground to learn more about how Children's continues to expand and improve access.



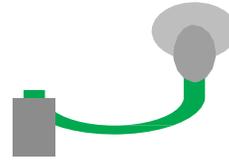
How is CAP Different from Other Facilities?



FIRST
BUILDING
ITS KIND

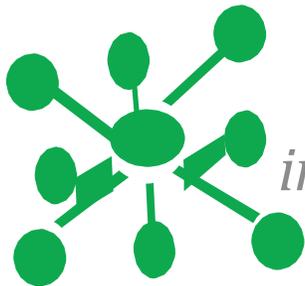
more than
100,000

expected patient visits
in the first
year



LARGEST

facility from ground
up for Children's



innovative
DESIGN



RESEARCH
PURSUED
ON EVERY
FLOOR



Single
LARGEST
financial investment



TEACHING KITCHEN



457
physicians
and employees



Children'sSM Healthcare of Atlanta

Contact Info:

Stephanie Meisner, RN, CCRP | Director, Clinical Research
Children's Healthcare of Atlanta | 1687 Tullie Circle NE | Atlanta, GA 30329

☎: (404) 785-6453 | 📠: (404) 983-7812 | 📞: (404) 785-9470

✉: stephanie.meisner@choa.org

RESEARCH RESOURCES AT THE NEW CHILDREN'S CENTER OF ADVANCED PEDIATRICS (CAP)

NADINE H. SPRING, MPH, MS

AUGUST 24, 2018

EMORY STAFF/COORDINATORS RESOURCES

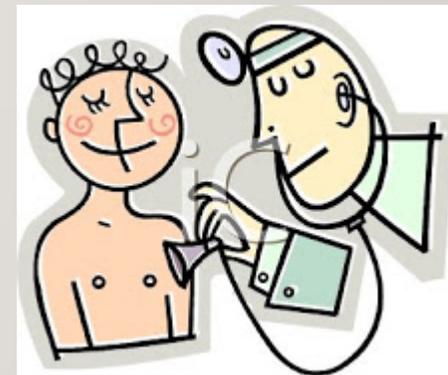
- Emory Children's Center Research Unit (ECC – RU) (sister site, satellite site)
- Transporting Specimen
- Back and Forth: HSRB and CAP
- Training for Using Equipment

ECC - RU

- Dedicated research space for IRB approved studies
- 2 exam rooms, 1 consult room, and a workroom
- Location:
 - Emory Children's Center – 1st Fl. Rooms 148D, 150A, 150B, and 150C
- Hours of operation:
 - Monday to Friday 8am – 5pm

ECC - RU

- Guidelines:
 - Workroom lockers for storing personal items
 - Storing research supplies
 - Basic items are provided
 - Clean up after yourself, return keys
- Booking
 - Acuity Scheduling System



TRANSPORTING SPECIMEN

- Courier from CAP to Egleston
- Confer with PI
- Adhere to the parameters of the study's protocol when transporting specimen
 - Temperature



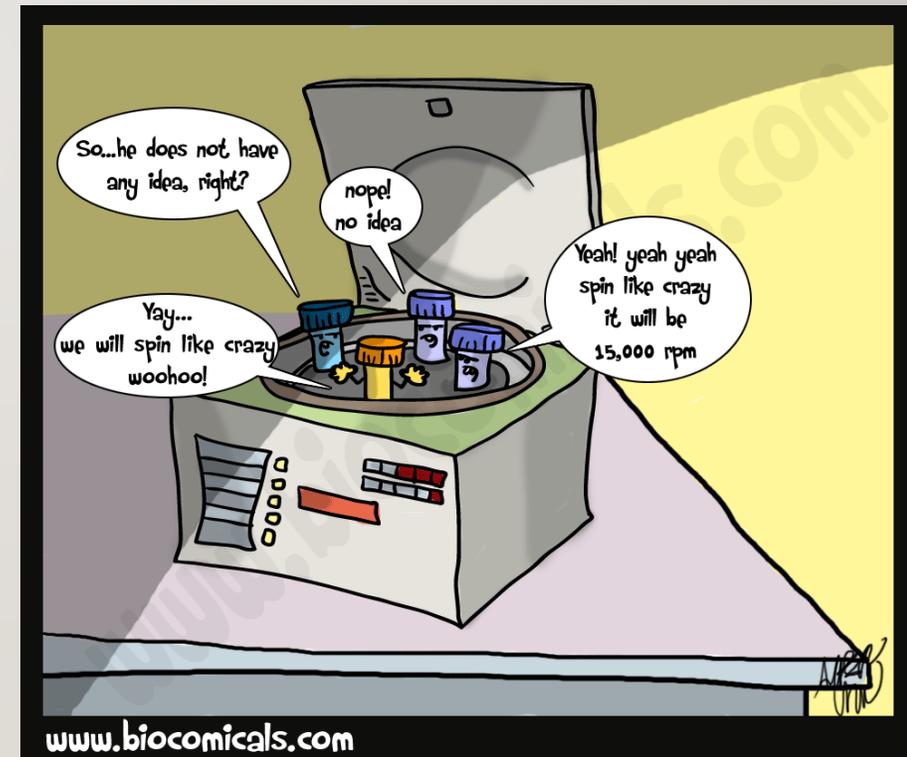
BACK AND FORTH: HSRB AND CAP

- Shuttle
- Pick up: front of the old “Piccadilly” building
- Crosswalks to cross Tullie Rd.
- Mileage reimbursement
- Parking at HSRB

<u>Times</u>	<u>Park Shuttle Frequency</u>
05:00AM – 9:40AM	Every 15 minutes
9:40AM– 02:30PM	20 minute intervals, starting at 9:40AM. For example: - 9:40AM - 10:00AM - 10:20AM
02:30PM – 09:00PM	Every 15 minutes

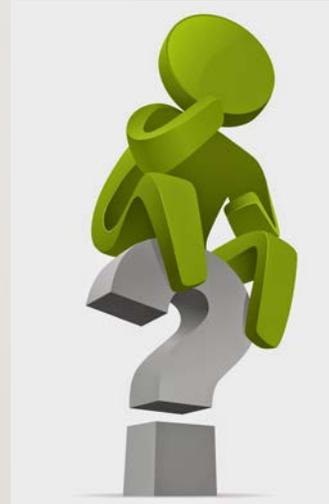
TRAINING FOR USING EQUIPMENT

- Training on equipment
- Badge access to the research processing room
- Centrifuges, freezers, two computers on Emory server
- Sign in/out sheets



QUESTIONS?

- **Contact me:**
- Nadine Spring
 - HSRB Bridge
 - 404-727-5234
 - nadine.spring@emory.edu



Emory University
Center for Clinical and Translational Research
Clinical Research Processing Lab

Brad Hanberry

08/24/2018

Clinical Research Processing Lab

- To accommodate research specimen processing that is currently being performed by Emory coordinators in their PI's lab.
- Located on the 5th floor, inside the Pediatric Research Center (PRC)





Clinical Research

Check-In

Clinical Research
A department of Children's of Eastern Hospital









Eppendorf 5702R

- Max. speed: 3,000 × g (4,400 rpm)
- SOFT brake function for slow acceleration and braking.
- Temperature range from -9 °C to 40 °C



Eppendorf 5910R

- Max. speed: 22132 × g (14,000 rpm)
- Acceleration/braking ramps
- Temperature range from -11 °C to 40 °C



VWR Under-counter 4°C Refrigerator and -20°C Freezer

- All cold storage units will be set-up for 24/7 monitoring



Eppendorf Under-counter -80°C Freezer

- Holds up to 6,000 samples

Additional Equipment

- Pipettes: 1-10 μ L, 10-100 μ L, and 100-1000 μ L
- Pipette Controller
- Tube and Cryovial Racks
- Graduated Cylinders
- Vortex
- Computer Workstation
- Shipping Scale (100lb capacity)



Access

- A training course that will cover the utilization of equipment and processing/storage of biological samples in Clinical Research Lab will be the prerequisite to access the space and use the equipment.
 - Research Lab Safety
 - BBP for Researcher
 - Biosafety
 - Hepatitis B Vaccination
- Once we have confirmed completion of these training courses and vaccination records then you will be granted keycard access to the Clinical Research Lab.

Clinical Research Processing Lab

- Will be open, with PRC, on Sept. 18th
- Questions or Comments?

Brad Hanberry

(404) 727-2342

bradley.Hanberry@emory.edu

Center for Advanced Pediatrics- Clinical Research Center

Opening September 18, 2018



CENTER FOR ADVANCED PEDIATRICS



Opened JULY 2018
Clinical Research Center
Go-Live **Sep. 18, 2018**

PROGRESS!



Children'sSM
Healthcare of Atlanta
Dedicated to All Better

Progress has been made!



PRC and IDS



New PRC & IDS

• Pediatric Research Center

- Located on 5th floor
- 4,237 sq/ft (current 1,532 sq/ft)
- 6 exam rooms
- 2 chair observation space
- Triage bay, medical records room, registration desk
- Consult room
- Open workroom with 10 desk spaces
- Patient nourishment room
- Designated storage room
- Emory lab
- IDS
- All new equipment

Investigational Drug Services

- Located on 5th floor, inside PRC
- 672 sq/ft (current 330 sq/ft)
- Ante room with clean and hazardous med prep
- Study drug will follow clinical trial prime location
 - Work group reviewing which drug supplies should move to CAP (54-CAP, 8-EGL)
- Study drug will be delivered to Egleston for transition visits if necessary and vice-versa
- IDS Pharmacists will rotate campuses
- IDS will remain on EGL to cover AFLAC & inpatient studies



Entrance to Clinical Research Center



Open Workroom



Exam Room Model



Investigational Drug Services

- Study drug will follow clinical trial prime location
 - Work group reviewed which drug supplies should be moved to CAP
- Study drug will be delivered to Egleston for transition visits if necessary
- IDS Pharmacists will rotate campuses
- ID Pharmacy will remain open on EGL campus in addition to new CAP location



PRC Transition



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CAP Ancillary Departments

- Work Group formed in February
- Departments included: Lab, IDS, CIRC, PRC
- Monthly meetings to share updates on building/move progress and discuss transition
- Projects reviewed
- Potential challenges identified
- Solutions discussed
- Workflow Processes developed and reviewed



Service Adjustments in CAP

Current State

Dietary-

- Ability to order trays for patients

Entertainment

- TV's & Child Life

IV Access

- IV team and Phlebotomy

Radiology

- MRI, CT, U/S, DEXA

Cardiology

- ECHOs, exercise tests, EKGs, etc.

Registration

- General hospital registration – patient labels printed

CAP Adjustments

- Meal Vouchers for Café. In discussions w/ Bio nutritionist
- 9 iPads provided by GaCTSA w/games & movies
- Vein Viewers provided by GaCTSA
- Basic films only- All other studies seen at Eggleston campus
- PRC has obtained 12-lead EKG and training to perform in PRC
- iCARE registration- PRC will print patient labels



PRC Transition Space

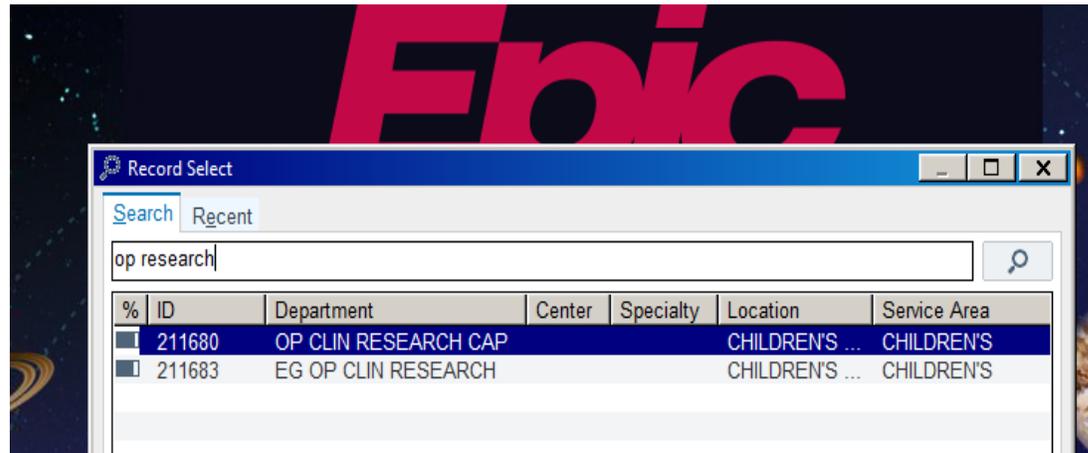
- On Egleston Campus (PRC Light)
- Anticipated 20 projects will need to continue to be seen at Egleston campus
- Visits carried out by PRC staff
- In sleep lab area Ground Floor—2 rooms
- Shared with Neuro Keto-Clinic and EEG
- Supply cart will be kept in Clinical Research Dept. offices next door
- For visits requiring cardiac-specific needs not offered at CAP: We will utilize CIRC rooms



PRC Scheduling-LIVE

Scheduling:

- 2 Departments in Epic for PRC:
 - EG OP CLIN RESEARCH (2 beds)—transition space ONLY & needs prior approval
 - OP CLIN RESEARCH CAP(9 spaces)



- CR-Assist updated with CAP location as site- Please make note that you have discussed location with families to ensure they arrive at correct location

Education & Training



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Clinical Research Training & Education

Simulation training :

- SIM Center Medical Director: Dr. Kiran Hebbar
- All PRC staff will be involved & trained
- PRC staff will be observers during other specialty SIM training days

New Building Orientation:

- Required CBTs will be populated in People IQ
- Parking, Security, Safety, Communication, etc.
- Clinical Workflows
- Rapid Response Training- All full time staff will be on Rapid Response Team





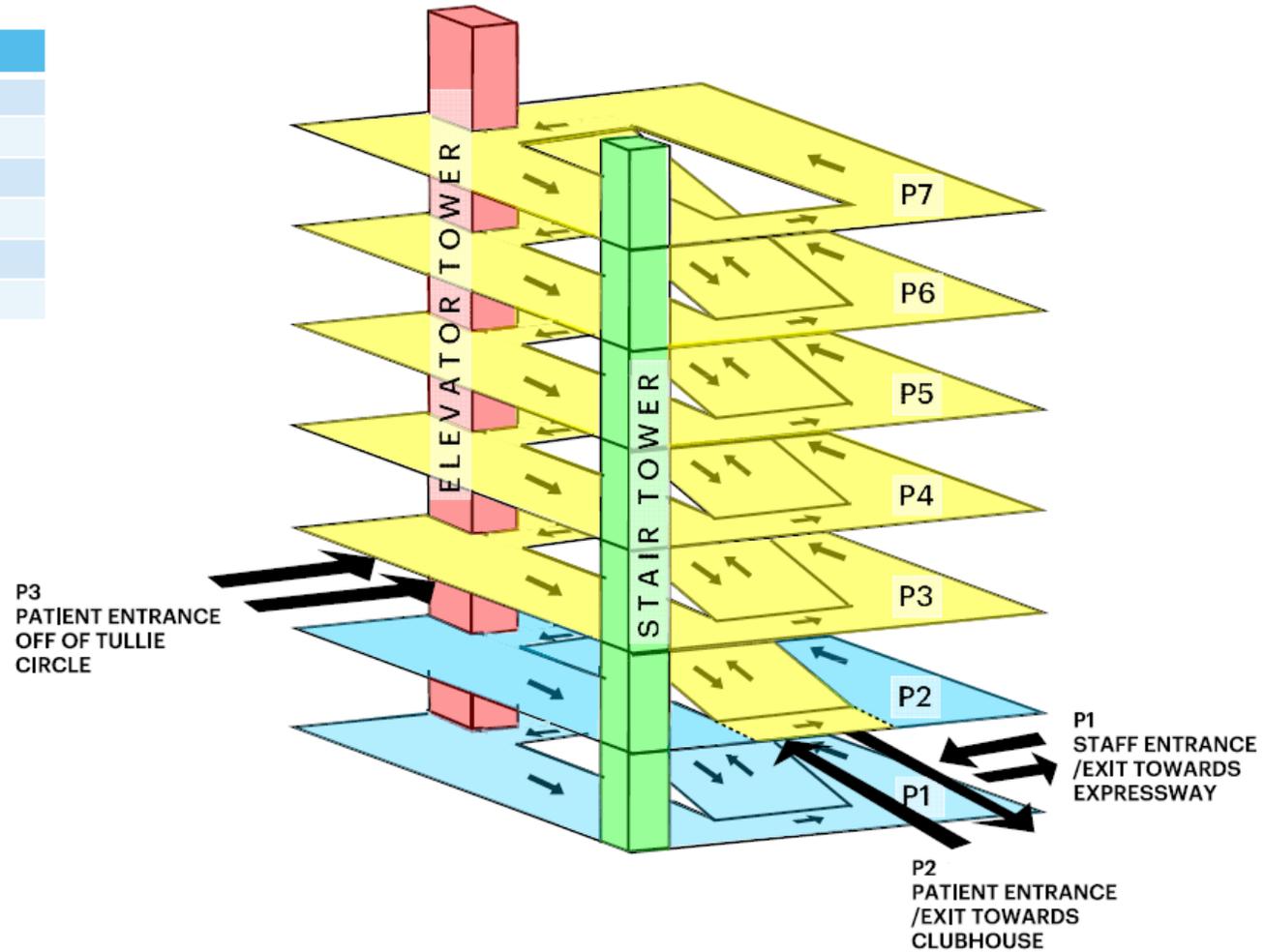
Parking



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Parking Schematic and Rates

Time	Rate
0-30 Minutes	Free
30-60 Minutes	\$1.00
61-90 Minutes	\$2.00
91-2 Hours	\$3.00
2-24 Hours	\$5.00
"5 Exit Pass"	\$5.00



Parking

- 1,126 spaces – over 320,000 square feet
- Floors 1 & 2- Staff parking
- Floors 3-7- Visitor parking
- Pay on foot kiosks
 - Level 3 Building entrance
 - Exit lanes on Level 2
 - Parking Vouchers provided
- 3 entry points
 - 1 employee entrance (Level 1)
 - 1 employee/guest entrance with 2 exit lanes (Level 2)
 - 1 guest entrance (Level 3)

Staff will entry with Badge Access



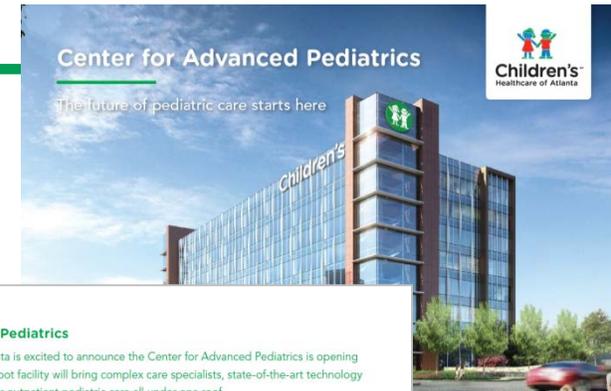
Miscellaneous



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Marketing

- Communicate with your families
 - “We’re moving” mailer to patient families
 - CAP overview postcard
 - Map/directional flyer
 - Mailers available
- Reminder for practice operations
 - Order business cards, stationery, appointment reminder cards



Center for Advanced Pediatrics

Children's Healthcare of Atlanta is excited to announce the Center for Advanced Pediatrics is opening in July. The 260,000-square-foot facility will bring complex care specialists, state-of-the-art technology and leading-edge research for outpatient pediatric care all under one roof.

Specialties offered will include:

- Aerodigestive
- Allergy and immunology
- Apnea
- Cardiology
- Clinical research
- Cystic fibrosis (CF)
- EEG/EMG
- Endocrinology
- Feeding
- Gastroenterology
- General surgery
- Gynecology
- Hypertension
- Infectious diseases
- Interventional radiology
- Judson L. Hawk Jr., MD, Clinic
- Neonatology/Development Progress Clinic
- Nephrology
- Neurology
- Neuropsychology
- Otolaryngology (ENT)
- Phlebectomy
- Pulmonology
- Rheumatology
- Sleep
- X-ray

Center for Advanced Pediatrics
1400 Tullie Road
Atlanta, GA 30329

 Visit choa.org/breakingnewground to learn more.

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We're moving
Children's at Century Boulevard

In July, our pediatric surgery and gynecology practices are moving to a new location in the Children's Healthcare of Atlanta Center for Advanced Pediatrics. The 260,000-square-foot facility will bring together multiple pediatric clinics and specialists under one roof, allowing families easier access to specialized, coordinated care. Our practices are scheduled to open in the new building July 24.

The Center for Advanced Pediatrics is located less than 2.5 miles from our current location near the intersection of North Druid Hills Road and Interstate 85.

Center for Advanced Pediatrics
1400 Tullie Road
Atlanta, GA 30329

Visit choa.org/breakingnewground for more information or see a member of our team if you have questions.



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Children's
Healthcare of Atlanta

Food Services



Frequently Asked Questions

- Courier service to CHOA Lab
- Site Initiation Visits
- PRC will have FAX number
- Current PRC number will remain the same
404-784-0400
- UPS/FedEx services information
 - Beth White is contact person for courier information
- Moving Logistics –
 - Delivery of moving boxes 2 weeks prior to move in date
 - No staff in CAP over the weekend
 - HIPPA compliant boxes provided



For questions regarding Clinical Research move,
please reach out to:

Cheryl Stone, RN, CCRP
Lead Research Nurse PRC
404-785-6454
Cheryll.stone@choa.org



Clinical Research Processing



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How to get started

- ▶ Contact OGA for set up
- ▶ DAF - <https://www.choa.org/research/office-of-sponsored-programs/forms>
 - Study Information
 - Laboratory Testing
 - Research Lab
- ▶ Budget
 - Created with DAF
 - Tiered pricing
- ▶ NOA
- ▶ Patient Tracker
- ▶ Protocol Review

Approved and current. Effective starting 6/15/2017. 2 0954146 version 1.0 742 DA Dr. Ana Rita Azeiteiro

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Department Approval Form (DAF) Use to Request Ancillary Services for Research

The DAF form determines what patient care procedures, professional, and technical fees are required. It requires approval of each department providing procedure/services to ensure that the department can provide those services and the procedures/services are feasible. This form also will serve as approval and commitment to participate from the ancillary department. This form must be completed and signed by the appropriate department managers, and submitted with the ancillary budgets to the Children's research administrator for routing with the proposal package through Office of Sponsored Programs.

Date Requested: 7/12/2017

Study Name: Sepsis-Induced Red Cell Dysfunction

Short Study Name: SIRD

Principal Investigator Name: Keiko Targuino, MD

Study Sponsor or Funding Source: NIH

In-patient and/or Out-patient Study: In-Patient

Projected Start Date: September 1, 2017

Projected End Date: September 1, 2019

Coverage Analysis:

Is the study being conducted at a CHOA facility? Eggleston Scottish Rite Hughes Spaulding Marcus

If other or private practice, list location of study site:

Projected # of Subjects: 30

Main Contact / Study Coordinator: Cheryl Stone

Address: 1405 Clinton Road Atlanta, GA 30322

Phone: 404-785-6454

Email: cheryl.stone@choa.org

Other Contact Info:

Provide a clear synopsis of specific impact on ancillary departments: The purpose of this research study is to better understand the role red blood cell dysfunction in sepsis plays in the development of multiple organ failure. We will do this by investigating how red blood cell dysfunction in septic children can impair oxygen delivery to vital organs causing organ failure. We also hope to gain a better understanding of how to more effectively treat children with sepsis. The Research lab will be utilized for blood sampling twice per week for up to 4 weeks.

**** Please note that technical procedures or fees may have accompanying professional fees. Prices must be negotiated with each practice. ****

1. Does Study Involve Investigational Pharmacy Services? Yes No
Please contact [Jim Rhodes](#), or [Jane Chen](#) Investigational Pharmacist (404-785-1281), and provide copy of protocol with this request form for review and budget.

Date Requested: _____
Version date: 12/28/2016 Page 1 of 4

Children's copy: 2 106419, last reviewed on 6/15/2017. Effective 6/15/2017. 1140 AN Dr. J. Hsieh 1/1/14

Approved and current. Effective starting 6/15/2017. 2 0954146 version 1.0 742 DA Dr. Ana Rita Azeiteiro

 Children's
Healthcare of Atlanta
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Department Approval Form (DAF) Use to Request Ancillary Services for Research

Pharmacy Approval: _____ Signature _____

2. Pediatric Research Center? Yes No
Please contact [Stephanie Meisner](#), PRC Manager (404-785-6453), and provide a copy of protocol with this request form for review and budget.

Date Requested: _____

For complete instructions on how to process your proposal through CTSA Research Committee at Emory and Children's contact [Stephanie Meisner](#).

PRC Approval: _____ Signature _____

3. Laboratory Procedures and Services? Yes No

Research Processing Laboratory/Advanced Diagnostics	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Histology/ Pathology	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Microbiology/ Virology	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Chemistry And Hematology	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Blood Bank	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Pliebotomy	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

If "Yes" to any of the above questions, list details of the procedure/services and provide copy of protocol for review and budget to: labsearchcoordinator@choa.org.

For additional questions and inquiries, please contact: labsearchcoordinator@choa.org

Tests Requested (list individually)	CPT Code	EAP Code	Research Price (completed by lab)	# of Tests Per Patient
Processing blood collected twice weekly until absence of central line, d/c from PICU or completion of Day 28. Shipped at close of study	N/A	N/A	See Research Processing Budget	1:8

To add rows: right click on the table and select "insert"

Date Requested: _____

Laboratory Managers:

Medical Director, Dr. Beverly Rogers	Research Processing, Heather MacDonald
Histology/ Pathology, Shannon Paltz	Microbiology/ Virology, Janelle McKay
Chemistry And Hematology (Eggleston) – Maria Ana Atuan	Chemistry and Hematology (Scottish Rite) – Sandra Estelle
Blood Bank Services, Shannon Paltz	Lab Research Coordinator, Cherie Lumpkin and/or Bethany Watson
Support Services, Maria Ana Atuan	

4. Cardiovascular Imaging Research Core? Yes No
Please contact with [Heather Friedman](#), CIRC manager, and provide copy of protocol with this

Version date: 12/28/2016 Page 2 of 4

Children's copy: 2 106419, last reviewed on 6/15/2017. Effective 6/15/2017. 1140 AN Dr. J. Hsieh 1/1/14



Fee Schedule

Note: This information is for budget estimates only, it is not intended nor is equivalent to a formal agreement with CHOA and any investigator. Any after hours or weekend processing requests outside of the normal working hours of M-F 8-5 will be billed according to the after hours pricing below.

Specimen Processing Service Tiers:	Description of Tiers	Industry Fee	Federal & Academic
Tier 1	No Processing (<15 min)	\$25	\$10
	Aliquot, store, ship		
Tier 2	Routine Processing (<30 min)	\$35	\$15
	Single spin, aliquot, store, batch, ship		
Tier 3	Moderate Complexity Processing (<60 min)	\$45	\$30
	Mononuclear Separation (Ficoll), aliquot, store and batch ship; multiple spins or other processing that requires < 60 minutes		
Tier 4	High Complexity Processing (>60 min)	\$ TBD (\$45 X # hours)	\$ TBD (\$30 X # hours)
	TBD by lab research team member on case by case basis		
After Hours Pricing: 1. Fees waived if sample acquisition previously budgeted for night or weekend collection. 2. Weekday 12hr PK receipt (6am-9pm) budgeted charge 3. Holidays treated as a weekend	Receipt M-F 5pm-11pm	\$50 each sample + budgeted charge	
	Receipt M-F 11pm-6am	\$100 each sample + budgeted charge	
	Weekend receipt 8am-8pm	\$100 + budgeted charge	
	Weekend receipt 8pm-8am	\$150 + budgeted charge	
	Weekday 12-hr PK receipt (6am-9pm)	Budgeted charge	
	Weekday 12-hr PK receipt (9pm-11pm)	\$50 + budgeted charge	
	Weekday 12-hr PK receipt (11pm-6am)	\$100 + budgeted charge	
	Weekend PK samples	\$100 + budgeted charge	
• After hour prices are set to accommodate shift differentials and overtime pay for processing lab staff			

Industry Sponsor examples:
Covance, Quintiles, Sobi

Federal/Academic Sponsor examples: PI investigator, NIH, CDC





What We Do (Current State)

- Study Kits
 - Collaborate with coordinators to orchestrate ordering and inventory of supplies
 - Primarily for central labs like Covance but also other suppliers
 - **Packets** are created from study kits and taken to PRC in advance of study (includes **face sheet**)

FUEL OLE

Patient Information: Visit 1 Pt. ID _____ Date _____ Time Drawn _____	Patient label here
---	--------------------

- Follow specific study protocol to process and ship samples





Future State

- Supporting PRC in move to CAP
 - PRC has **over 80** studies, Research Processing supports **51** of them
 - Plans also will be made for the **8** of the studies that will have visits on the Egleston campus
 - Separate inventory will be kept at ECH and CAP to support these studies
- Will also be supporting CF studies moving from Scottish Rite



Future State Cont.

- Will continue to process samples according to protocol and prepare kits for PRC
 - Research techs will be called when sample is collected
 - In absence of a tube system, techs and nurses will coordinate transfer of samples (most draws are done this way currently)
- Unlike current state a tech may not always be at each campus during processing hours
 - High importance to scheduling ahead



How to Contact Us:

- labresearchcoordinator@choa.org
 - ▶ DAF and pricing inquiries
 - ▶ Bethany : 5-4075
 - ▶ Cherie: 5-5967
- ▶ pathvendormailbox@choa.org
 - ▶ To reach our team
 - ▶ ECH Processing: 5-1930
 - ▶ SRH Processing: 5-1176



Clinical Research Laboratory

Center for Advanced Pediatrics



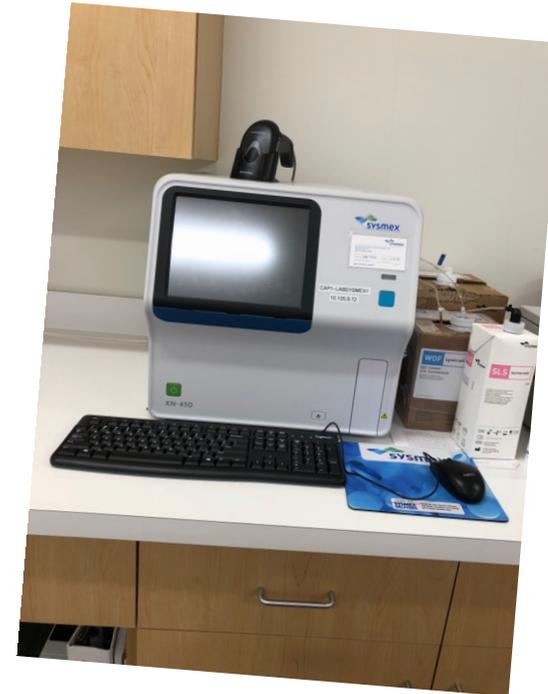
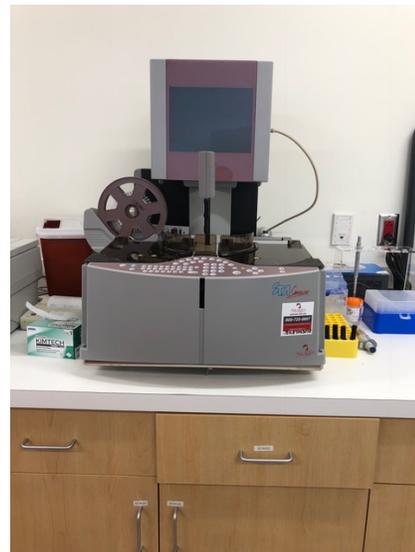
Children'sSM
Healthcare of Atlanta
Dedicated to All Better

Lab is no longer in the basement!



Test Menu for CAP Clinical Research Lab

- Hematology/ Coagulation
 - CBC with or without Differential (CBC, CBCD)
 - Erythrocyte Sedimentation Rate (ESR)
 - Prothrombin Time (PT)
 - Activated Partial Thrombin Time (aPTT)



Test Menu for Clinical Research Lab

- Chemistry
 - Basic Metabolic Panel (BMPL)
 - Complete Metabolic Panel (CMP)-
 - Tests can be ordered separately: Total Bilirubin, Direct Bilirubin, Creatinine, AST, and ALT
 - Cooximetry: Measuring hemoglobin, Oxyhemoglobin % Saturation, Methemoglobin, and Carboxyhemoglobin
 - Urinalysis without reflex to culture



Workflow: To Test or Transport

If	Then
Ordered labs are part of a research protocol and are on the testing CAP CRL testing menu	<ol style="list-style-type: none"> 1. PRC transports collected specimens to the CRL 2. MT III receives specimens in LIS and begins testing 3. Results posted in Epic
Ordered labs are part of a research protocol for testing and are not on the CAP CRL testing menu	<ol style="list-style-type: none"> 1. PRC transports collected specimens to the CRL 2. MT III receives the specimen and sends to Egleston for testing- if needed STAT then should be ordered STAT 3. CHOA Lab courier called for STAT pickup 4. TAT should be around 2.0-2.5 hours for tests offered at Egleston only (Not IGs, C3, C4, hormones, allergies, etc).
Ordered labs are Standard of Care (SOC) labs and are collected during PRC visit	<ol style="list-style-type: none"> 1. PRC fills out downtime SOC requisition , collects specimens, and transports to outpatient collection specimen processing area 2. Specimen Processor prepares blood for transport to hospital 3. CHOA courier transports specimens to Egleston for testing
Ordered labs are SOC and part of the research protocol, patient's insurance should be billed for testing	<ol style="list-style-type: none"> 1. PRC fills out downtime SOC requisition , collects specimens, and transports to Outpatient Collection specimen processing area 2. Specimen Processor prepares blood for transport to hospital 3. Results posted in Epic



Specimen Transport

- Couriers run for routine specimen transport from 1000-1930 Monday-Friday:
 - Routine priority: 1000, 1200, 1400,1600,1930
 - Stat priority: TAT 2.0-2.5 hours
- Who can use transport?
 - Any research collected at CAP can be transported to Egleston/SR Hospital Ref Lab.
 - Transport from Ref Lab Dept to another area (HRSB) is the responsibility of the study coordinator
 - STAT runs to Egleston is provided for Children's **PRC ONLY!**



Laboratory:

Sue Bayus, MT III with Dr. Pineda Reviewing Chemistry Validations

