1. WELCOME

Dear Colleague:

You are being contacted through surveymonkey.com at the e-mail address identified in your professional organization directory to participate in this important study regarding growth chart usage among clinicians. You are receiving it as you are identified as an academic or practicing community physician in Kentucky.

Although you will not get personal benefit from taking part in this study, your responses may help us understand more about how clinicians use available materials to measure and track growth in children and adolescents. It will also help us understand challenges you may face in transitioning this practice to electronic health records.

We hope to receive completed questionnaires from about 400 people, so your answers are important to us. Of course, you have a choice whether or not to participate in this anonymous survey; if you do participate, you are free to skip any questions or discontinue at any time. There are no anticipated risks to participating in this study.

The survey will take about 10 minutes to complete. There are no costs to you for participating in the study, nor will you receive any reward for participating in the study. Your response to the survey is anonymous and all results will only be disclosed in aggregate. No identifying information about you will appear or be used in research documents, presentations or publications. The research team will not know that any information you provided came from you, nor even whether you participated.

If you have questions about the study, please feel free to contact Neelkamal Soares, MD, FAAP at nsoar2@uky.edu. If you have complaints, suggestions, or questions about your rights as a study participant, please contact the University of Kentucky Office of Research Integrity at 859-257-9428 or toll-free at 1-866-400-9428.

Thank you in advance for your assistance with this important project.

Sincerely,

Neelkamal Soares, MD, FAAP University of Kentucky College of Medicine 859-323-6426 nsoar2@uky.edu

Z. L	DEMOGRAPHICS
We	would like to collect some general information about you and your practice.
Are	e you a
0	Pediatrician
0	Family Practitioner
Are	∍ you
0	Board-certified
0	Board-eligible
0	Neither
Wh	at is your practice type?
0	Academic
0	Private Solo Practice
0	Private Group Practice
0	Hospital-based Group Practice
Wh	ich best describes the location of your clinical practice?
0	Urban
0	Semi-urban
0	Rural
Но	w many years have you been practicing?
0	0-5 years
0	6-10 years
0	11-15 years
0	More than 15 years

DEMOGRAPHI	CS			
DEWIOGRAPHI				
hat is the averag	e number of pation	ents you see per wo	eek?	
C Less than 50				
S 51-100				
C 101-150				
More than 150				
/hat percentage o	of your practice is	5:		
	<25%	25-50 %	51-75 %	>75%
Medicare/Medicaid:	0	0	0	0
Private Insurance:	0	0	0	0
Jninsured:	O	(·)	(·)	0
Well-child visits only				
Sick and well-child visits	rovided below, ch	noose the range tha	t most accurately	describes the
Sick and well-child visits mong the ages propulations for when	rovided below, ch		t most accurately	describes the
Sick and well-child visits mong the ages propulations for whe	rovided below, ch		t most accurately	describes the
Sick and well-child visits mong the ages propulations for whom the ages of th	rovided below, ch		t most accurately	describes the
Sick and well-child visits mong the ages propulations for who 0-24 months 0-36 months	rovided below, ch nich you record g		t most accurately	describes the

4. GROWTH CHARTS

Growth charts are used by health care professionals as a quantitative and qualitative tool for constructing a clinical

-	ression for infant, child, and adolescent growth. We would like to know how you utilize growth charts in your clinical ctice.
Fro	m where do you acquire your growth charts (check all that apply)?
	Professional organization (AAP/AAFP)
	Commercial source
	Centers for Disease Control and Prevention (CDC)
	World Health Organization (WHO)
	Not sure
	Other (please describe)
Ηον	w do you acquire your growth charts?
0	Free
0	Purchased
Wh	o acquires the growth charts for your practice (check all that apply)?
	Clinician
	Resident/Trainee
	Nurse
	Clerical/Managerial staff
	Other
Wh	o completes the growth charts (check all that apply)?
	Clinician
	Resident/Trainee
	Nurse
	Clerical staff
	Other (please specify)

Gro	owth Charts	S				
Но	w does your	office record	data on the	growth cha	rts?	
0	Paper					
0	Electronically					
0	Both					
0	Neither					

5. GROWTH CHARTS
Do you provide copies of growth charts to parents at the end of their visit? O Yes No

Gı	rowth	Cł	nart
6.	GRO	WTI	H CI

HARTS

If y	es, which of the following do you discuss with parents (check all that apply)?
	BMI (Body Mass Index)
	Height
	Weight
	Head circumference
	Nutritional status

7. GROWTH CHARTS

Wh	ich growth chart do you use for infants of very low birth-weight (check all that apply)?
	WHO only
	CDC only
	Infant Health and Development Program (IHDP)
	None of the above
Do	you use different charts to plot the growth of formula-fed and breast-fed infants?
0	Yes
0	No

Growth Charts					
8. GROWTH CHA	RTS				
If yes, which?					
ii yes, willon	CDC only	WHO only	Both CDC and WHO	Neith	er CDC nor WHO
Formula fed:	0	O	0		0
Breast-fed:	0	0	O		0
In which of the foll	owing have you observ	ed weight loss a	after birth?		
© Breastfed-only					
 Formula-fed only 					
Both breastfed and form	nula-fed				
Neither breastfed nor for	rmula-fed				
Pood oook of the fa	llowing statements on	d calcat amana	the chaices		
Read each of the it	ollowing statements and	Strongly Agree	Agree	Disagree	Strongly Disagree
I believe CDC growth charts of younger children.	overdiagnose underweight-infants and		C	0	©
I believe CDC growth charts u	underdiagnose underweight-infants an	nd C	О	0	0
I believe CDC growth charts a younger children.	accurately diagnose underweight-infar	nts and	O	0	O
With which of the f	ollowing growth charts	are you aware	?		
C CDC only		-			
C WHO only					
C Both CDC and WHO					
Aware of neither CDC no.	or WHO				
Which of the follow	ving growth charts do y	ou use?			
C CDC only					
C WHO only					
C Use both CDC and WHO					
O Use neither CDC nor WH	10				

9. GROWTH CHARTS

	ong the ranges provided below, which most accurately describe the populations for ich you use the WHO growth charts?
0	For all ages
0	0-2 years
0	2-4 years
0	4-8 years
0	WHO growth charts are optional for clinicians

10. GROWTH CHARTS

Wh	ich of the following growth charts do you use for children <24 months in your practice?
0	CDC only
0	WHO only
0	Both CDC and WHO
0	Neither CDC nor WHO
Ha	ve you encountered any obstacles in utilizing current growth charts?
0	CDC only
0	WHO only
0	Both CDC and WHO
0	Neither CDC nor WHO
	th which would you find most useful in understanding the implementation of WHO
cha	arts?
0	Presentation at meeting
0	Online training module (e.g., Medscape)
0	Electronic video (e.g., YouTube) Standardized in-person field-training
0	Brochure/Manual
0	Other (please describe)
I pe	erceive limitations in the use of current growth charts:
0	Strongly Agree
0	Agree
0	Disagree
0	Strongly Disagree
Do	you believe that growth charts are a reliable predictor of relative health for your
pec	liatric population?
0	Yes
0	No

11. ELECTRONIC MEDICAL RECORDS (EMR)

11. ELECTRONIC MEDICAL RECORDS (EMR)		
We would like to know about the use of electronic medical records in your practice.		
Do you use electronic medical records (EMR)?		
O Yes		
O No		

12. ELECTRONIC MEDICAL RECORDS (EMR)

іт у	res, write the name of the platform (if known).
_	es, do you prefer EMR to paper medical records?
	Yes
0	
0	No preference
Но	w often do you re-check EMRs with paper copies of growth charts?
0	Very often
0	Somewhat often
0	Not very often
0	Not at all
Do	you utilize electronic documentation for plotting routine growth measurements?
0	Yes
0	No
Но	w do you incorporate growth chart records into EMR?
0	Scan as an image/document
0	Use existing platform software
0	Do not incorporate electronically
Do	you believe that electronically recorded growth charts are more reliable than paper
CO	pies?
0	Much more
	Somewhat more
0	
0	Not very

13. ELECTRONIC MEDICAL RECORDS (EMR)

If no, how likely are you to adopt EMR in the upcoming year?									
0	Very likely								
0	Somewhat likely								
0	Unlikely								
0	Very unlikely								
	Do you believe that electronically recorded growth charts are more reliable than paper								
col	pies?								
0	Much more								
0	Somewhat more								
0	Not very								
0	Not at all								

14. ELECTRONIC MEDICAL RECORDS (EMR)

I believe electronic growth charts would improve: (select among the following options)

	Strongly Agree	Agree	Disagree	Strongly Disagree
Clinician satisfaction	0	0	0	O
Parent satisfaction	0	0	O	O
Clinical efficiency	0	0	O	O
Reduction in clinical errors	O	O	0	0
Accuracy for special populations	0	O	O	0
Education for parents	O	O	O	0
Transition between WHO and CDC charts	O	O	0	0