

75K-199K

20K-74K

<20,000

200K-499K

General Instructions:

Please read the instructions for each section and answer all the questions in sequential order. Please do not go back and change any answers once you have completed a section.

All data will be de-identified and recorded anonymously. With that in mind, please be as honest and accurate as possible with your responses.

500K+

After you have completed the survey, place the completed survey in the stamped return envelope and mail it back to us. Please make every effort to return the survey to us by the deadline of 9/10/07.

Section A. CLINIC SETTINGS

Your clinic is located in a city/town

with a population of?

Instructions: Please read each item and fill the bubble (like this ●). Use a black ink or soft-leaded pencil.

			<u> </u>		_			
2. How would you describe your practice?			Academic	O P	rivate			
3. How big is your practice? An in	dividual prac	tice	A small group physicians)	or fewer	A large group practice (6 or more physicians)			
Check all the personnel in your clinic that	t acciet vou i	n provic	ling care for vo	ur natients	with diabe	tes: (abas	k all that ar	anline)
	1 -	•					k all that ap	opiies)
O Physicians	Practiti	ioner	O Phys	ical therap	ist/Exercise p	hysiologist		
Child life specialist	cian Ass	sistant	Certif	fied Diabet	es Educator			
Nutritionist / Dietitian	l worker	-	Psychologist/other mental health professional					
			Othe	r				
Section B. PATIENT POPULAT Instruction: please bubble in one		questic	on					
1. On average, what is the total number of p clinic per week?	atients you	see in	<5	5-10	11-20	21-50	51-80	>80
2. On average, how many young patients(0-		diabetes	s <5	5-10	11-20	21-30	31-40	>40
with diabetes do you see per week?	ents C		0	0	0	0	0	
2 0	04)!#-	<3	0.5	0.40	44.45	40.00	04.05	. 05
On average, how many young patients(0-21) with type 2 diabetes(T2DM) do you see per week?				6-10	11-15	16-20	21-25	>25
, , , , , , , , , , , , , , , , , , , ,								

(Please go in order, and complete each section before moving on)



young patients	(0-21) has the	following insura	nce plans?				
		<25%	26-50%	51	-75%	>75%	
id		\circ	0		0	\circ	
		\circ	0		0	\circ	
young patients	(0-21) with T2	DM are?					
<	10%	11-25%	26-50%	51	-75%	>75%	
	0	\bigcirc	0		0	0	
	0	\circ	0		0	0	
	0	\circ	0		0	0	
	0	0	0		0	0	
	0	0	0		0	0	
				·			
young patients	(0-21) with T2	DM are of the fo	llowing age gro	up?			
<10%	10-20%	21-30%	31-40%	41-50%	51-60%	>60%	
0	0	0	0	0	0	0	
0	0	0	0	0	0	0	
0	0	0	0	0	0	0	
0	0	0	0	0	0	0	
	young patients young patients young patients 10%	young patients(0-21) with T2 <10% <10% O O O Young patients(0-21) with T2 <10% 10-20% O O O O O O O O O O O O O	<25% id	young patients(0-21) with T2DM are?	<25% 26-50% 51		

Tests	Not used	q ≤3 mo	q6 mo	q1 yr	q2 yrs	q3-4 yrs	q5 yrs
a) HbA1c	0	0	0	0	0	0	0
a) Blood Pressure	0	0	0	0	0	0	0
c) Fasting lipid panel	0	0	0	0	0	0	0
d) Retinal exam	0	0	0	0	0	0	0
e) Foot exam	0	0	0	0	0	0	0
f) Liver function tests	0	0	0	0	0	0	0
g) Microalbumin test	0	0	0	0	0	0	0



Section C. CASE VIGNETTE

Instructions: For the following vignettes, pick the most likely action that you would do in your clinic, and fill in one circle per question

Case 1

You are seeing a 15 yr old boy for follow up care for T2DM. He has had T2DM for 2 years and has good glycemic control (A1C 6.5%). He stands 5 feet 8 inches tall (63%tile), and weighs 170 lbs with a BMI of 26 (94%tile). A fasting lipid panel shows total cholesterol level of 180, triglyceride of 100, HDL of 50, and LDL of 110 mg/dl with his blood pressure at 115/65 mmHg (50%tile). His urine albumin to creatinine ratio is 3µg/mg, and he has been on a program of diet and exercise for the past six months.

1A) Wha	1A) What would you do for his cholesterol management?								
0	Continue to promote lifestyle change and recheck lipid every 3-6 months								
0	Refer to dietitian and/or physical therapist for more intensive lifestyle intervention								
0	Start lipid lowering medication at this time								
0	Refer to a lipid specialist								
0	Other		_						
1B) Sup	pose the same patient has a LDL cholesterol level of 140 mg/dl. Do you generally:								
	Continue to promote lifestyle change and recheck lipid every 3-6 months								
0	Refer to dietitian and/or physical therapist for more intensive intervention								
0	Start lipid lowering medication at this time								
0	Intensify his lipid lowering medication								
0	Refer to a lipid specialist								
0	Other								
1C) Sup	pose the same patient has a LDL cholesterol level of 170 mg/dl. Do you generally:								
0	Continue to promote lifestyle change and recheck lipid every 3-6 months								
0	Refer to dietitian and/or physical therapist for more intensive intervention								
0	Start lipid lowering medication at this time								
0	Intensify his lipid lowering medication								
0	Refer to a lipid specialist								
\circ	Other								
1D) Wou	uld you manage this patient differently if the patient is a female?	○ Yes	○ No						
If ye	s, explain how you would treat this patient								



	uming that you are seeing a 15 yr old female patient with an elevated cholesterol level that requi apy, what would you do?	res initiation of	statın							
0	Do not give statin									
0	Give statin									
0	Give statin, and refer patient to her primary care physician to discuss pregnancy risks									
\circ	Give statin, discuss risks of taking statin if patient becomes pregnant									
\circ	Give statin, recommend the use of birth control									
\circ	Give statin, prescribe the use of birth control									
glycemic His bloo	seeing a 14 yr old boy for routine follow up care for T2DM. He has had diabetes for 2 yccontrol (A1C of 6.9%). He stands 5 feet 5 inches tall (50%tile) and weights 156 lbs wild pressure is 128/82 mmHg (95%tile), with a urine albumin to creatinine ratio of 3µg/mg atively sedentary and has continued to gain weight. He is presently taking metformin 10	th a BMI of 2 g. Despite di	6 (95%tile). etary advice,							
2A) For I	nis blood pressure control, which of the following would you do?									
0	Continue present management; follow up blood pressure in 3-6 months									
0	Encourage intensification of lifestyle change, repeat blood pressure in 3 months									
\circ	Refer to dietician, exercise physiologist for intensification of lifestyle change, repeat BP in 3 more	nths								
\circ	Start blood pressure lowering medication									
\circ	Other									
	e young boy returns in 6 months for re-evaluation. His glycemic control remains adequant stable. His blood pressure is now 140/85 mm Hg (99%tile). Which of the following we Continue present management; follow up blood pressure in 3-6 months									
0	Encourage intensification of lifestyle change, repeat blood pressure in 3 months									
0										
0										
0	Intensify blood pressure lowering medication									
0	Other									
•	ald you manage this patient differently if the patient is a female? s, explain how you would treat this patient	○ Yes	○ No							



Case 3

You are seeing a 17 yr old boy with a 5 year history of T2DM which has generally been poorly controlled with a A1C of 8.9% in clinic today. He stands 5 feet 9 inches tall (50%tile) and weights 210 lbs with a BMI of 31 (99%tile). His blood pressure is 140/89 mmHg (99%tile) today with normal cardiac and lung exams. His urine albumin to creatinine ratio is 50µg/mg and on reviewing his records, you noted that his albumin to creatinine ratio one year ago was 44µg/mg. Non-dilated fundoscopic exam found no signs of retinopathy and he has acanthosis nigricans on his neck. He is on lantus 15 units once daily in the evening, and metformin 1000 mg twice daily. He is mostly sedentary and does not smoke.

3A) For his blood pressure control, which of the following would you do?										
0	Continue present management; follow up blood pressure in 3-6 months									
Encourage intensification of lifestyle change, repeat blood pressure in 3 months										
0	Refer to dietician, exercise physiologist for intensification of lifestyle change, repeat BP in 3 months									
0	Start blood pressure lowering medication									
0	Other									
3B) Would you manage this patient differently if the patient is a female?										
If yes	es, explain how you would treat this patient		-							
3C) Presuming that you are seeing a 17 yrs old female patient with elevated blood pressure that requires initiation of an ACE inhibitor, what would you do?										
0	Do not give ACE inhibitor									
\circ	Give ACE inhibitor									
0	Give ACE inhibitor, and refer patient to her primary care physician to	discuss pregna	ncy risks							
0	Give ACE inhibitor, discuss risks of taking ACE inhibitor if patient bec	comes pregnant								
\circ	Give ACE inhibitor, recommend the use of birth control									
Give ACE inhibitor, prescribe the use of birth control										
3D) In general, if you have a patient with persistent blood pressure at the 95th %tile for her respective height and age, at what age would you start giving this child blood pressure lowering medications?										
0 <	<8	○ >19 yrs	owill not give med	dication						



Section D. MEDICATIONS

Instruction: please bubble in all that applies to each question

a-Glucosidase inhibitors(acarbose, miglitol)	○ Biguanides(metfo	ormin)	OPP-4 inhibitors(sitagliptin)							
○ GLP1 agonists(exenatide)	Inhaled insulin		○ Insulin							
Meglitinides(nateglinide, repaglinide)	O Sulfonylureas(gli	pizide, glimepiride)	Thiazolidinedione(rosiglitazone, pioglitazone)							
			Other							
2. Which of the following medications do you with T2DM? (<i>bubble in all that a</i>		e drug to treat hyper	glycemia in your practice for young patients							
a-Glucosidase inhibitors(acarbose, miglitol)	O Biguanides(metfo	ormin)	OPP-4 inhibitors(sitagliptin)							
GLP1 agonists(exenatide)	O Inhaled insulin		○ Insulin							
Meglitinides(nateglinide, repaglinide)	○ Sulfonylureas(gli	pizide, glimepiride)	Thiazolidinedione(rosiglitazone, pioglitazone)							
			Other							
3. Which of the following medications do you use to treat hyperlipidemia in your practice for young patients with T2DM? (bubble in all that applies)										
○ Statins	 Bile acid binding 	resin	○ Niacin							
○ Fish oil	Ezetimibe		Fibric acid derivatives(gemfibrozil)							
			Other							
4. Which of the following medications do you	Luca to troot bypartan	cion in your practice	for young notion to with T2DM2							
 Which of the following medications do you bubble in all that applies 	u use to treat riyperteri s	sion in your practice	Fior young patients with 12DM?							
ACE inhibitor	○ ARB		O Diuretic							
Beta blocker	O Calcium channel	blockers	Other							
Section E. ATTITUDES AND O	<u>PINIONS</u>									
1. What do you think are the biggest barriers	s to MANAGING lipids	in young patients wit	th T2DM?							
(Please check the 3 most important ba	arriers in your opinion)									
lack of familiarity with subject matter		difficulty assessmentcome in aftern	ssing fasting lipids because patients often noon							
insufficient scientific evidence about be practice at this time	est management	insufficient clir	nic resources to address this problem							
ost/insurance reimbursement issues		this should be done by a local doctor and not a pediatric endocrinologist								
oncerns about compliance of patients	3	difficulty to ge	t patients to make lifestyle changes							
oconcerns about pregnancy risks		other —								

(Please go in order, and complete each section before moving on)



Are you familiar with ADA reco adolescents with T2DM?	mmendations on hyperlipid	emia mar	nagement for			O No (skip to	Q3)	○ Yes
2a. If yes, how often do you follow these guidelines?	all the time (>75%)	most of	the time (50-	-75%)	some	etimes (25-49%)	rar	ely (<25%)
ADA guidelines for manageme	ent of hyperlipidemia in adol	escents w	vith T2DM are	 e:				
	strongly disagre		disagree		eutral	agree	stron	gly agree
a) not evidence based enough	0		\circ		\bigcirc	0		\circ
b) too aggressive	0		\bigcirc		\bigcirc	0		0
c) not aggressive enough	0		\circ		0	0		0
d) not practical for use in clinic	0		0		0	0		\circ
insufficient scientific evidence practice at this time cost/insurance reimburseme concerns about compliance	ent issues	(insufficient clinic resources to address this problem this should be done by a local doctor and not a pediatric endocrinologist difficulty to get patients to make lifestyle changes other 					
5. Are you familiar with ADA reco adolescents with T2DM?5a. If yes, how often do you follow these guidelines?	all the time (>75%)		nanagement for					O Yes
6. ADA guidelines for manageme	ent of hypertension in adole	escents w	ith T2DM are) :				
	strongly disagre	ee	disagree	ne	eutral	agree	stron	gly agree
a) not evidence based enough	0		\circ		\bigcirc	0		\circ
b) too aggressive	0		\circ		\bigcirc	0		
c) not aggressive enough	\cap		\bigcirc				\bigcap	
d) not practical for use in clinic					\bigcirc			\bigcirc



Section F. Chronic Care Management

General Instructions:

For the table in the next two pages, please answer each component from the perspective of your clinic that supports care for chronic illness.

Answer each component regarding how your organization is doing with respect to the management of T2DM in children. For each row, PLEASE FILL IN THE BUBBLE that best describes the level of care (from 0 to 11) that currently exists in your clinic. The higher point values indicate that the actions described in that box are more fully implemented.

Components	Litt	le sup	port	Bas	ic sup	port	Goo	d sup	port	Full support			
Informing Patients about Guidelines 	is not	done.		through system publications.			is done through specific patient education materials for each guideline.			includes specific materials developed for patients which describe their role in achieving guideline adherence.			
Score	0	1	2	3	4	5	6	7	8	9	10	11	
(fill in one bubble per row)	0	\circ	\bigcirc	0	\circ	\bigcirc	0	\bigcirc	\bigcirc	0	\bigcirc	\bigcirc	
Information Systems/ Registries	do not	t include nagemen	•	patient a (e.g., fur rating; re engage manage	patient assessments (e.g., functional status rating; readiness to engage in self- management			include results of patient assessments, as well as self-management goals that are developed using input from the practice team/provider and patient.			include results of patient assessments, as well as self-management goals that are developed using input from the practice team and patient; and prompt reminders to the patient and/or provider about follow-up and periodic re-evaluation of goals.		
Score	0	1	2	3	4	5	6	7	8	9	10	11	
(fill in one bubble per row)	0	\bigcirc	\bigcirc	0	\bigcirc	\bigcirc	0	\bigcirc	\bigcirc	0	\bigcirc	\bigcirc	
Community Programs	do not feedback care sys patients' program	k to the latem/clini	nealth	provide sporadic feedback at joint meetings between the community and health care system about patients' progress in their programs.			provide regular feedback to the health care system/clinic using formal mechanisms (e.g., Internet progress report) about patients' progress.			provide regular feedback to the health care system about patients' progress that requires input from patients that is then used to modify programs to better meet the needs of patients.			
Score (fill in one bubble per row)	0	1	2	3	4	5	6	7	8	9	10	11	
	\circ	\bigcirc	\bigcirc	0	\bigcirc	\bigcirc	0	\bigcirc	\bigcirc	0	\bigcirc	\bigcirc	



Components	Littl	e sup	port	Bas	ic sup	port	Goo	d sup	port	Full support			
Organizational Planning for chronic diabetes care	does not involve a population-based approach.				uses data from formation systems to an care.			uses data from information systems to proactively plan population-based care, including the development of self-management programs and partnerships with community resources.			uses systematic data and input from practice teams to proactively plan population-based care, including the development of self-management programs and community partnerships, that include a built-in evaluation plan to determine success over time.		
	0	1	2	3	4	5	6	7	8	9	10	11	
Score (fill in one bubble per row)	0	\circ	\circ	0	0	\circ	0	0	\circ	0	\circ	\circ	
Routine follow-up for appointments, patient assess- ments and goal planning	is not e	ensured.		is sporac usually fo only.	-	one, nintments	is ensure responsi staff (e.g manager	bilities to	o specific	responsi staff (e.g manage registry prompts with pati	ed by assibilities to g., nurse r) who us and othe to coord ients and ractice te	specific case ses the r linate	
Score	0	1	2	3	4	5	6	7	8	9	10	11	
(fill in one bubble per row)	0	0	0	0	0	0	0	0	0	0	0	\circ	
Guidelines for chronic diabetes care	are no patients		ed with	_	oress a in nagem	patients specific ent of	are provided for all patients to help them develop effective self-management or behavior modification programs, and identify when they should see a provider.			are reviewed by the practice team with the patient to devise a self-management or behavior modification program consistent with the guidelines that takes into account patient's goals and readiness to change.			
Score	0	1	2	3	4	5	6	7	8	9	10	11	
(fill in one bubble per row)	0	0	0	0	0	0	0	0	0		0	0	



Section G. DEMOGRAPHICS

1. What is your gender?	○ F	emale	○ Male					
2. What is your age?	<u> </u>	35	○36-45		(46-55	<u></u> 56-65	<u>65+</u>
			1		"			
3. What is your race?								
○ White		merican	Indian/Alaska					
Black or African American	<u> </u>	Native Ha	awaiian or othe	r Pac	fic Islar	nder		
Asian	\bigcirc C	Other						
4. Do you consider yourself to b	○ No							
5. Did you complete medical sc		0	Yes	○ No				
6. Please indicate your board co	ertifications:	(checi	k all that appl	ies)				
General Pediatrics	(certified			board	l eligible		
Pediatric Endocrinology	(certif	ied	(board	l eligible		
Internal Medicine	(certif	ied	(board	l eligible		
Adult Endocrinology	(certif	ïed	oboard eligible				
Other specialty (please indicate):							
7. How many years have you be	en practicin	g medici	ine post-fellow	ship?				
○ <5 ○ 5-9	<u></u>	0-14	<u>15-1</u>	9		19+ yrs		
8. At work, how do you spend the	e majority o	f your tin	ne?					
researcher		0:	administrator					
○ clinician educator ○ retiree/emeri								
○ clinician	fellowship trair	ing						
Other								



Please feel free to write anything you would	d like to share with us!!
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