

What Do Families Want From Well-Child Care? Including Parents in the Rethinking Discussion



WHAT'S KNOWN ON THIS SUBJECT: Schor called on pediatricians to rethink well-child care. Gaps exist between traditional well-child care and contemporary needs and pressures. A key, but largely missing, perspective in the rethinking of discussions has been that of parents.



WHAT THIS STUDY ADDS: In this qualitative study, we asked parents to address several core issues including why they attend well-child care visits, the aspects of care they find most valuable, and what changes could enhance the well-child experience.

abstract

OBJECTIVE: The content and systems surrounding well-child care have received increasing attention, and some propose that it is time to rethink both the delivery structure and central themes of well-child visits. A key, but largely missing perspective in these discussions has been that of parents, whose experiences and expectations are central to developing approaches responsive to family needs. In this study, we asked parents to address several core issues: why they attend well-child visits; aspects of well-child care that they find most valuable; and changes that could enhance the well-child care experience.

METHODS: Twenty focus groups with parents ($n = 131$ [91% mothers]) were conducted by using a semistructured interview guide. Verbatim transcripts were coded for key words, concepts, and recurrent themes.

RESULTS: Primary reasons for visit attendance included reassurance (child and parent) and an opportunity to discuss parent priorities. Families valued an ongoing relationship with 1 clinician who was child-focused and respected parental expertise, but continuity of provider was not an option for all participants. Suggestions for enhancement included improved promotion of well-child care, greater emphasis on development and behavior, and expanded options for information exchange.

CONCLUSIONS: As the consumers of care, it is critical to understand parents' needs and desires as changes to the content and process of well-child care are considered. Taking into account the multifaceted perspectives of families suggests both challenges and opportunities for the rethinking discussion. *Pediatrics* 2009;124:858–865

CONTRIBUTORS: Linda Radecki, MS,^a Lynn M. Olson, PhD,^a Mary Pat Frintner, MSPH,^a J. Lane Tanner, MD, FAAP,^b and Martin T. Stein, MD, FAAP^c

^aDepartment of Research, American Academy of Pediatrics, Elk Grove Village, Illinois; ^bDivision of Developmental and Behavioral Pediatrics, Children's Hospital & Research Center at Oakland, Oakland, California; and ^cDivision of Child Development and Community Health, University of California, San Diego, California

KEY WORDS

well-child care, parents, pediatric primary care, health supervision, preventive care, developmental care, family-centered care

ABBREVIATION

AAP—American Academy of Pediatrics

The views in this article are those of the authors and do not necessarily represent the views of the organizations where they work.

www.pediatrics.org/cgi/doi/10.1542/peds.2008-2352

doi:10.1542/peds.2008-2352

Accepted for publication Mar 24, 2009

Address correspondence to Linda Radecki, MS, American Academy of Pediatrics, Department of Research, 141 Northwest Point Blvd, Elk Grove Village, IL 60007. E-mail: lradecki@aap.org
PEDIATRICS (ISSN Numbers: Print, 0031-4005; Online, 1098-4275).

Copyright © 2009 by the American Academy of Pediatrics

FINANCIAL DISCLOSURE: The authors have indicated they have no financial relationships relevant to this article to disclose.

The content and systems surrounding well-child care have received increasing attention.^{1–8} In the past decade, numerous studies have addressed the growing number of anticipatory guidance topics,⁹ disparities in access,^{10,11} and discrepancies in quality.^{2,12–14} The new *Bright Futures* guidelines¹⁵ provide the pathway for many advancements, but as the history of well-child care shows, pediatrics will continue to strive for additional improvement.¹⁶ Much of the preventive care schedule has been linked to childhood immunizations, creating concern that, in the public eye, visits for infants and toddlers may be synonymous with “baby shots.” By contrast, professionals have viewed these visits as a critical vehicle to address expanded health and prevention needs. These needs reflect important issues, but have also outstripped the time and resources available to address them. Given the growing list of health supervision recommendations, how can priorities be set? Many argue that it is time to rethink the delivery structure and central themes of well-child visits.^{3,6}

A key, but largely missing, perspective in the rethinking well-child care discussion has been that of parents; their experiences and expectations are critical to developing approaches responsive to family needs. If we consider changes in the content and delivery of preventive health care to better meet the needs of families, it is imperative to include the consumers of that care, namely parents, in the conversation.

Past studies examining preventive care from the parent perspective have been largely quantitative and focused on information needs, satisfaction with care, and provision of services.^{12,17–20} Few studies have collected in-depth information about why parents attend visits and how they value aspects of well-child care.²¹ In this study, with diverse focus groups of

TABLE 1 Overview of Focus-Group Questions

Current well-child care experiences
Why do you go to well-child visits? What are some important things that happen at these visits?
Does your child see the same doctor each time you have a visit? Is this important to you? Why or why not?
What do you wish your doctor/health care provider had talked to you about at this point in your child's life but hasn't? Have you tried to find information from other sources?
Describe what a “perfect” well-child visit would be like for you and your family.
New ways to think about well-child care
What would you think about a new way of organizing well-child visits focused on specific topics or issues that were based on your child's stage of development at that time? What do you like about this idea? What do you dislike?
Some parents and doctors have brought up the idea of having some well-child visits as a group, with other families. What do you think of this idea? What do you like? Dislike?
What do you think about getting information about your child's growth and development in ways other than a personal visit with your pediatrician (eg, pediatric nurses and nurse practitioners, social service providers, educators)? Are there ways that you would like to get information about your child's development and behavior using technology such as the telephone, e-mail, or the Internet?
What kinds of things could doctors/health care providers do to make their offices more responsive to your needs? [prompts: waiting room, examination rooms, office staff]
If you could tell doctors/health care providers 1 thing that would improve well-child care experiences for you and your family, what would it be?
How can your child's doctor best help you do a good job as a parent?

parents, we addressed several core questions: Why do parents currently attend well-child visits? What aspects of visits do they find most valuable? What changes, from a parent perspective, would enhance the well-child care experience?

METHODS

Participants

We conducted 20 focus groups with parents between September 2005 and July 2006 to address experiences with and views on well-child visits. In most groups ($n = 12$), parents with children of similar ages (0–2, 3–5, and 6–12 years) were combined to facilitate discussion of age-related health supervision needs. Twelve sessions were held in the Chicago region, with recruitment targeted to various urban and suburban areas to draw participants of diverse economic and racial/ethnic backgrounds. Three of the Chicago-area groups were held with American Academy of Pediatrics (AAP) employees. Eight sessions were held in the Albuquerque, New Mexico (5 groups), and San Diego, California (3 groups), areas. The AAP institutional review board approved the study protocol.

We recruited parents by flyers distributed in local schools, libraries, health centers, churches, and day care centers rather than through physician offices to ensure participants with a broad range of pediatric providers. As part of the screening process, parents were told that the purpose of the focus group was to “... learn more about parents' thoughts and feelings about the health care children receive when they are well and ways that pediatric health care might be improved.”

Data Collection

Participants in 16 groups ($n = 101$) completed a background questionnaire before the session (on-site coordinators for 4 groups [30 parents] outside of Chicago were not able to preadminister background questionnaires). One of the authors (Ms Raddecki) moderated all sessions by using a semistructured protocol to guide discussion (Table 1). During each session, parents were first asked about their current experiences with well-child care and then were asked to discuss ways to improve visits. Two concepts suggested in the rethinking well-child care discussion (themed

visits and group well-child care) were introduced to parents to obtain feedback. Participants were also asked to offer their own ideas for improvement. Focus groups lasted 40 to 90 minutes; each session was audiorecorded and later transcribed. All groups were conducted in English, however 1 (San Diego, CA) session included several non-English-speaking Hispanic participants, and 2 translators were present to translate questions and answers. Parents (excluding AAP employees) received \$25 for participation.

Data Analysis

Verbatim transcripts were created for each focus group and independently read and coded by Ms Radecki and Ms Frintner. We used the discussion guide as the basis of analyses, allowing themes to emerge within each of the key question areas. As new or unique content arose, new codes were created. All transcripts were reviewed for common themes and ideas consistent across groups following elements of the grounded theory approach of qualitative data analysis.^{22,23} Dr Olson reviewed a subset of transcripts. Atlas.ti (ATLAS.ti Scientific Software Development GmbH, Berlin, Germany) was used to organize transcripts and facilitate electronic coding. Coding discrepancies between the authors were minimal and resolved through discussion, which included review of coded material with similar content.

RESULTS

Sample Characteristics

Most (91%) participants were mothers and ranged in age from 20 to 57 years (see Table 2). The sample varied by race/ethnicity (27% black, 19% Hispanic), income (46% had an annual income of <\$30 000), and child insurance status (42% public).

TABLE 2 Selected Demographic Characteristics of Parent Focus-Group Participants (*N* = 101)

	% (<i>n</i>)
Respondent relationship to child	
Mother	90.8 (119)
Father	6.1 (8)
Other	3.1 (4)
Respondent race	
Black	26.7 (27)
Asian	2.0 (2)
White	58.4 (59)
Other	7.9 (8)
Missing	5.0 (5)
Respondent is Hispanic	18.8 (19)
Respondent marital status	
Married	68.3 (69)
Divorced	6.9 (7)
Widowed	1.0 (1)
Single	22.8 (23)
Missing	1.0 (1)
Respondent highest level of education completed	
High school graduate or less	19.8 (20)
Some college	25.7 (26)
2-y college or technical school graduate	10.9 (11)
4-y college or more	42.6 (43)
Missing	1.0 (1)
Child sees 1 particular person for well-child care	92.1 (93)
Type of clinician usually seen for well-child care	
Pediatrician	85.1 (86)
Family practitioner	6.9 (7)
Pediatric nurse practitioner	15.8 (16)
Physician's assistant	5.0 (5)
Other	2.0 (2)
Annual household income ^a	
Less than \$30 000	45.7 (37)
\$30 000 or higher	49.4 (40)
Missing	4.9 (4)
Child health insurance ^a	
Yes	93.8 (76)
No	2.5 (2)
Missing	3.7 (3)
Child main source of health insurance ^a	
Private	45.7 (37)
Public	42.0 (34)
Other	6.2 (5)
Missing	6.2 (5)
Focus-group participants by location, <i>n</i>	
AAP staff (child ages 0–2 y)	7
AAP staff (child ages 3–5 y)	7
AAP staff (child ages 6–12 y)	6
Chicago suburbs: higher SES (child ages 0–2 y)	7
Chicago suburbs: higher SES (child ages 3–5 y)	5
Chicago suburbs: higher SES (child ages 6–12 y)	9
Chicago suburbs: lower SES (child ages 0–2 y)	6
Chicago suburbs: lower SES (child ages 3–5 y)	4
Chicago suburbs: lower SES (child ages 6–12 y)	2
Chicago (child ages 0–2 y)	9
Chicago (child ages 3–5 y)	4
Chicago (child ages 6–12 y)	8
San Diego military families (child ages 0–12 y)	8
San Diego families with special health care needs (child ages 0–12 y)	9
San Diego health clinic	8
Albuquerque (child ages 0–12 y)	6
Albuquerque (child ages 0–5 y)	9
Albuquerque (child ages 0–5 y)	6
Albuquerque families with special health care needs (child ages 0–12 y)	2
Albuquerque health clinic	9

Demographic questionnaires were unavailable for 30 participants. SES indicates socioeconomic status.

^a Question not asked of AAP employee focus-group participants (*n* = 20).

Focus-Group Findings

Major themes are reported below, supported by quotes from parents. Brackets following quotations indicate the general location and child age range for each speaker's focus-group session.

Primary Reasons for Attending Well-Child Care Visits

When asked why they attend well-child care, parents reported traditional activities often associated with these visits (eg, immunizations, school physicals) as well as several other reasons for seeking care, clustered into 2 key areas: (1) reassurance; and (2) opportunity to discuss priorities.

Reassurance

In each group, participants talked about the importance of reassurance during well-child visits, wanting feedback to confirm that their child was growing and developing normally. The need for assurance was often mentioned by parents of infants and toddlers.

"I think in the first year you just want to make sure the baby is doing well, eating enough, gaining weight appropriately and that she's healthy. You know, it's important to know that they're doing well . . ." [AAP employees, 0–2 years]

"...To validate that everything is ok, everything is normal. They're on the right track." [San Diego, mixed ages]

Parents also sought reassurance regarding their parenting skills. An acknowledgment from the pediatrician of doing a good job as a parent was viewed as an important source of encouragement; this may be especially true for first-time parents.

"At least for me, being a first-time parent, just kind of that reassurance that you're not screwing up your kid." [Chicago suburbs, 3–5 years]

"My doctor, every visit that I go to, always says, 'She's absolutely perfect, happy baby, doing great, you're doing a great job,' . . . So I think that helps a lot." [Chicago suburbs, 0–2 years]

An Opportunity to Discuss Priorities

Parents often reported that the expectation of an unrushed opportunity for 1-on-1 interaction motivated preventive care attendance. Less harried than sick visits, parents valued well-child visits for the chance to spend quality time with the physician and obtain individualized information.

"...you go in for certain illness, you don't have the time to grapple with the developmental questions. So at the well-child care visit you get to explore some other issues that aren't exactly the most pertinent things, but they're more developmentally and looking more holistically at the child." [San Diego, mixed ages]

Parents viewed well-child visits as an occasion to ask their own questions and gain information about their child's health and development. Parents were most interested in content that reflected their personal concerns.

"I want to come in and talk about my own topics and not have time taken up by other things. I don't want the doctor talking about sleeping habits if my kid is sleeping fine . . . it might throw me off track for what I really want to talk about." [Chicago suburbs, 0–2 years]

However, comments also indicated that some parents may be hesitant to ask and want the physician to initiate discussions. Some may be uncomfortable initiating topics, whereas others may be uncertain about what is appropriate to ask.

"... It's like pediatricians taking the initiative of bringing up development . . . because if a parent isn't going to say it, I think it's the doctor's responsibility to at least to initiate the conversation . . . not all parents are gonna make a list of questions." [Albuquerque, mixed ages]

The Value of Well-Child Care to Parents

Care in an Ongoing Relationship

The reassurance and guidance parents sought was typically described within the context of continuity and an ongoing relationship with the child's clinician(s). Caring and child-focused interactions with the physician were

highly valued. Continuity was often, but not always, described as an association with 1 particular physician. More than two thirds (69%) of the parents reported seeing the same clinician for well-child care. Parents perceived that continuity led to higher-quality care for 3 primary reasons: (1) promote efficiency; (2) enhance communication; and (3) enhance child comfort.

"... we're in an HMO. We have to see all the doctors that are in that group so it's frustrating because . . . they keep asking the same questions. Well, can't you read the chart before you come in here?" [Chicago suburbs, 3–5 years]

"... visits are short enough and you don't have to waste that time of introductions and feeling uncomfortable. You're already kind of established and so I think it kind of helps communication-wise." [Albuquerque, mixed ages]

"That rapport with your child, that's what my son's pediatrician has done . . ." [San Diego, mixed ages]

A smaller subgroup who expressed a preference for multiple clinicians perceived benefits in having several physicians in 1 office or clinic. They valued practical considerations such as flexible scheduling and ease of obtaining a second opinion.

"I pick 2 to 3 doctors that I trust and know . . . because I get really stressed if I can't get the same one." [San Diego, mixed ages]

"... I actually like my kids seeing different doctors, because I think it's kind of like second, third, and fourth opinions." [AAP employees, 0–2 years]

Key Elements of the Physician-Parent-Child Relationship

Three key elements of the physician-parent-child relationship that mattered to parents were: (1) emphasis on the child; (2) respect for parental expertise; and (3) affect and body language.

Emphasis on the Child

Parents felt strongly that the ideal visit is child-focused—the clinician speaking directly with the child and interacting in a caring manner. Several

parents noted that early visits establish the foundation for positive feelings about health care as the child grows.

"... your doctor addresses the child ... asks the child how the child's doing. Even if the child can't talk, the child understands." [Albuquerque, mixed ages]

"Some of the things he does that I really, really like is that he talks to my son. He asks the questions of my son ... he makes stuff fun ... he does little bird whistles and things like that." [Chicago suburbs, 3–5 years]

Respect for Parental Expertise

A concern shared by many parents was a perceived lack of respect by clinicians for parents' expertise regarding their own children.

"... they just really need to acknowledge that you're the expert on your child. Just talk to us as if we are our child's expert ... If they were just honest with you and included you in the whole process, that's important too." [Albuquerque, mixed ages]

Affect and Body Language

Many parents commented on the importance of the physician "knowing" their child(ren) and recognizing that they were more than a chart number or dollar sign.

"He knows my son, he's been with him since he was born. He knows us ... so it's just real important that we have a relationship, I guess that's what I would call it. It's not just we're going to get serviced, we have a relationship with him." [Chicago suburbs, 3–5 years]

Physicians' demeanor and body language was also important to a number of parents. Suggested improvements included better eye contact and more personalized attention.

"They should pay attention. They're so busy looking at the folder trying to get a grip on what's on the folder, but they're not establishing any kind of a relationship with the human beings that are right in front of them." [Chicago suburbs, 0–2 years]

"... after he's done looking at my child, look at me, where he has eye contact as opposed to just writing ... I wanna know that I have his undivided attention and that if I ask one extra question it's not going to burden him." [San Diego, mixed ages]

Suggestions for Enhancing Well-Child Care

Beyond current experiences, we asked parents to envision how well-child care might be enhanced. Alternate approaches to preventive care proposed in the rethinking debate (themed and group visits) generally received limited support. Parents were concerned about privacy, comparisons between children, intrusion on individual time with the physician, and practicalities such as scheduling (group visits), or lack of fit with their child's current priorities (themed visits).

Parents' suggestions for improvements clustered in 3 areas: (1) better social marketing about the value of well-child care; (2) increased emphasis on development and behavior; and (3) enhanced information exchange.

Improved Well-Child Care Marketing

Parents reported lack of knowledge about the visit schedule, especially for older children.

"... you tend to go for kindergarten. You need that physical. Then I think it's what? Fifth grade they have to go again? I'm not sure ... I remember saying to my doctor after that kindergarten checkup, 'Well should I come back every year now and why?' My insurance says each child is covered for a 1-year well checkup and he said, 'It's really up to you.'" [Chicago suburbs, 6–12 years]

"Once they get to be a little bit older, I should know the schedule but I don't. Who reminds you that they should see the doctor once a year or whatever it is once they're in school?" [AAP employees, 6–12 years]

Other parents were unsure about the need for well-child visits, particularly for children in seemingly good health.

"If my kid's okay, and all I'm doing is bringing them in to get them measured and weighed and make sure they're aiming at the Cheerios, why do I need to see a doctor? ... I always laugh when I see the sign, 'Well Infant Clinic.' Why do I want to bring my well child to the clinic? ... I grew up, I don't remember

seeing a doctor unless I was sick." [San Diego, mixed ages]

As the frequency of appointments decreased, parents also lamented a lack of notifications or reminders regarding the next visit.

"... my dentist sends me a postcard, it seems that the doctor would at least from a marketing point of view would be sending me information ... They don't do that." [Chicago suburbs, 3–5 years]

Increased Emphasis on Development and Behavior

Regardless of the age of their child, parents expressed interest in well-child care more focused on development and behavior.

"Our daughter was a thumb sucker and, ooh, 'til she was 6 or so ... that was one thing that I would've never fathomed bringing up to the doctor. We actually ended up going to a thumb doctor ... that was the best \$155 bucks I ever spent ... it worked out fantastic, but that was something I probably never would have thought of just talking to my pediatrician about." [San Diego, mixed ages]

"I guess I'd like them to just be as equally concerned with ... emotional and mental wellbeing as the physical because a lot of that affects the physical ... having resources ... Where do I go? Who do I talk to? What do I do? Give me an explanation. Tell me what to do, practical things ... not just physically but emotionally too." [Albuquerque, mixed ages]

Enhanced Information Exchange

A recurring theme across groups was parents' desire for increased information about healthy growth and development. Parents suggested several ways to make information exchanges more family-friendly by using opportunities both before and after visits as well as technology and community resources (see Table 3 for specific suggestions). For example, parents suggested previsit materials, such as checklists, to facilitate better use of limited time with the physician. They also endorsed seminars led by pediatricians and workshops to educate families on issues regarding child health and parenting. Better linkages with community resources were also sought, because parents frequently

TABLE 3 Parent Suggestions to Enhance Information Exchanges in Well-Child Care

Focus	Suggestion	Parent Comments
Previsit	Checklists: A "preview of coming attractions;" helps parents prepare for the visit and know what to expect.	So if they could . . . just give you some printouts or something ahead of time so you know what to look forward to and different types of questions you may want to ask. So if I had that list of questions ahead of time, I'd be more prepared for the visit. [A checklist] also puts that seed in your head for the next 3 or so months. So if you see your child doing something you say, "Oh yeah, I'm supposed to be looking at that," or the pediatrician said that might happen . . .
Office setting	More efficient use of wait times: Parents are sensitive to long waiting times, especially in multiple places (eg, waiting room and exam room). Use wait times as an opportunity to provide information.	. . . you're waiting out in the waiting room while he's with other people and then you get taken to a room and then you wait in the room some more. . . . as you're in the waiting room, they can give you like some information that you can read for the few minutes or however long, kind of like this is what we're going to go over during the visit or this is where your child should be.
Postvisit	Visit summaries: Parents would like a recap of important visit information. Workshops: Parents sought optional learning activities about child health and development, outside the traditional office visit and without children present.	. . . after your visit, he would actually either e-mail you or send you in the mail a printout of a description of what happened in the visit, things to look for, reminders . . . I think if our pediatricians would do that and maybe give you a summary of here's what we talked about in our meeting, here's some things to look forward to or things you can try, that would be really nice. I've been looking for parenting classes and I can't find them . . . They have parenting classes but they're for how to take care of a newborn child, how to breastfeed them, take care of their umbilical cord, but they don't have any parenting classes . . . If you took the children out of that equation, if the doctor's office offered up a seminar where you could come in the second Saturday of every month . . . and have a little mini discussion group . . . I think with the doctor in a group one-on-one would be good and everybody could discuss the issues and all parents are sitting there . . . sometimes you don't feel bad because someone else is going through it too, it helps you too.
Communication	E-mail: Parents sought opportunities to share/obtain information outside the traditional office visit. Information referrals: Parents are concerned about the credibility of various resources and look to the pediatrician for referrals to trusted information sources. Community connections: Parents do not expect pediatricians to be their sole source of information regarding child health and development and welcome assistance from other community resources.	. . . I can't tell you how many times a simple e-mail question and a simple e-mail answer would have sufficed, instead of you having to wait for the certain hours that they answer the phone and I can talk to a nurse. . . . it's really hard because where I work, it's like a cube situation and I don't really want to be discussing my child's medical stuff in an area where every single person that I work with can hear . . . I like the idea of getting an e-mail. . . . It's very difficult, but who has time to check the source? Maybe if the doctor could provide a list of websites . . . But it would be nice to leave with some resources and some books or websites. . . . if my doctor sent out kind of what ParentCenter[.com] did, it came from their office instead, even though I'm sure it would be mostly the same information, it would have had a higher priority if it came from them. I think it would be good business from their point of view. . . . seeing the pediatric nurse practitioner has made a big difference for the well-child care . . . I just feel that there's a lot more attention, a lot more questions asked . . . she asked me so many questions that I never would have thought of her asking me but I thought were so vital potty training . . . when I have questions like that, honestly, I ask my son's day care teachers, because they deal with it . . . questions like that I feel more comfortable asking them because they are dealing with it on a daily basis. . . . the benefit that I have is that I'm involved with the WIC program, so they are very good at talking to me about my child's eating habits, how many servings of vegetables he should be eating . . .

noted a disconnect between community organizations (eg, Supplemental Nutrition Program for Women, Infants, and Children, child care providers, schools) and the pediatric practice.

DISCUSSION

This study explored issues surrounding rethinking well-child care through the eyes of parents. We found that families of diverse backgrounds value well-child care beyond immunizations and school physicals, viewing visits as opportunities to gain reassurance about their child and their parenting. Quantitative studies of well-child visits have tended to focus on counting topics covered and services received,^{12,13,18–20} but in these open-ended discussions about what they value, parents emphasized a desire to address their individual concerns, preferably with a clinician they know and who respects their knowledge about their child. Parents sought greater attention to developmental and behavioral issues, and suggested several ways to enhance the delivery of preventive care, such as previsit checklists, workshops, and increased e-mail availability.

Qualitative data provides the richness of detail needed to understand how parents think about preventive care and points to concerns that professionals might not have given priority. Focus groups allow a depth of description not possible in quantitative surveys. There are, however, limitations as participants were self-selected and may represent parents more interested and involved in health care than nonparticipants. From these parents we cannot generalize to all US families. Although we conducted sessions in multiple locations and attempted to diversify our sessions,

sample size precludes subgroup analyses by race, ethnicity, or socioeconomic status. We are also unable to address the similarities and unique concerns of families of children with special health care needs.

The complexity of opinions raised by participants, however, points to important challenges and opportunities in the rethinking debate. One conundrum identified by our results is that of balancing individual family priorities with the education and guidance pediatricians are expected to cover in a typical well-child visit. We also observed ambivalence on the part of parents as to what topics are under the purview of the pediatrician and when a parent versus physician should initiate discussion.

The changing face of pediatrics also presents challenges to continuity of care. Although preferred by most parents and endorsed by health care professionals, an ongoing relationship with 1 provider may not always be possible, especially for uninsured children whose parents are less likely to report a usual person for well-child care.²⁴ In addition, the increase in pediatricians engaged in part-time practice²⁵ and the move toward a team approach to pediatric care where more children may be seen by several practitioners within a practice may make it more difficult for families to see 1 physician on a consistent basis. If the profession adopts a model where continuity is defined more by place than person, what are the implications for patients and professionals? Are there innovative ways to capture the perceived benefits that continuity with 1 clinician provides?

Findings from these focus groups support the work of Bergman et al³ in their

efforts to identify the elements of a high-performing system of well-child care. They note that a one-size-fits-all approach to well-child care is not optimal and cannot best serve the needs of children and families. Those sentiments were reiterated by our parents in their desire for attention to individualized concerns and needs, increased use of technology such as e-mail to facilitate quicker and easier access to care, as well as an approach to preventive care that connects to multiple stakeholders in the community.

Encouraging indications that parents and pediatricians may share ideas and expectations about the future of well-child care are evidenced by new focus-group findings with clinicians. Tanner et al²⁶ found that pediatricians echoed the importance of ongoing relationships with families, endorsed individualized care and the key role of parents in priority-setting, and emphasized the value of visits more attuned to development and behavior. These areas of common interest may serve as building blocks to move forward the rethinking discussion in a way that is embraced by families and pediatricians.

ACKNOWLEDGMENTS

This research was supported by The Commonwealth Fund.

We thank the focus-group participants who thoughtfully shared their experiences and ideas. We also are grateful to our many recruitment contacts in the Chicago area as well as our site contacts outside of Illinois, particularly Capt Lisa Arnold, Nicola Baptiste, Mark Connelly, Michele Geving, Debbie Sanchez, Shannon Sanchez-Youngman, and Francesca Wilson.

REFERENCES

1. Kuo AA, Inkelas M, Lotstein DS, Samson KM, Schor EL, Halfon N. Rethinking well-child care in the United States: an international comparison. *Pediatrics*. 2006;118(4):1692–1702
2. Chung PJ, Lee TC, Morrison JL, Schuster MA. Preventive care for children in the United States: quality and barriers. *Annu Rev Public Health*. 2006;27:491–515
3. Bergman D, Plsek P, Saunders M. *A High-Performing System for Well-Child Care: A Vision for the Future*. New York, NY: Commonwealth Fund; 2006
4. Moyer VA, Butler M. Gaps in the evidence for well-child care: a challenge to our profession. *Pediatrics*. 2004;114(6):1511–1521
5. Coker T, Casalino LP, Alexander GC, Lantos J. Should our well-child care system be redesigned? A national survey of pediatricians. *Pediatrics*. 2006;118(5):1852–1857
6. Schor EL. Rethinking well-child care. *Pediatrics*. 2004;114(1):210–216
7. Halfon N, DuPlessis H, Inkelas M. Transforming the U.S. child health system. *Health Aff (Millwood)*. 2007;26(2):315–330
8. Margolis PA, McLearn KT, Earls MF, et al. Assisting primary care practices in using office systems to promote early childhood development. *Ambul Pediatr*. 2008;8(6):383–387
9. Belamarich PF, Gandica R, Stein REK, Racine AD. Drowning in a sea of advice: pediatricians and American Academy of Pediatrics policy statements. *Pediatrics*. 2006;118(4). Available at: www.pediatrics.org/cgi/content/full/118/4/e964
10. Stevens GD, Mistry R, Zuckerman B, Halfon N. The parent-provider relationship: does race/ethnicity concordance or discordance influence parent reports of the receipt of high quality basic pediatric preventive services? *J Urban Health*. 2005;82(4):560–574
11. Ronsaville DS, Hakim RB. Well child care in the United States: racial differences in compliance with guidelines. *Am J Public Health*. 2000;90(9):1436–1443
12. Olson LM, Inkelas M, Halfon N, Schuster MA, O'Connor KG, Mistry R. Overview of the content of health supervision for young children: reports from parents and pediatricians. *Pediatrics*. 2004;113(suppl 6):1907–1916
13. Bethell C, Reuland CH, Halfon N, Schor EL. Measuring the quality of preventive and developmental services for young children: national estimates and patterns of clinicians' performance. *Pediatrics*. 2004;113(suppl 6):1973–1983
14. Mangione-Smith R, DeCristofaro AH, Setodji CM, et al. The quality of ambulatory care delivered to children in the United States. *N Engl J Med*. 2007;357(15):1515–1523
15. Haġan JF, Shaw JS, Duncan PM, eds. *Bright Futures: Guidelines for Health Supervision for Infants, Children, and Adolescents*. 3rd ed. Elk Grove Village, IL: American Academy of Pediatrics; 2008
16. Olson LM, Tanner L, Stein MT, Radecki L. Well-child care: looking back, looking ahead. *Pediatr Ann*. 2008;37(3):143–151
17. Schempf AH, Minkovitz CS, Strobino DM, Guyer B. Parental satisfaction with early pediatric care and immunization of young children: the mediating role of age-appropriate well-child care utilization. *Arch Pediatr Adolesc Med*. 2007;161(1):50–56
18. Young KT, Davis K, Schoen C, Parker S. Listening to parents. A national survey of parents with young children. *Arch Pediatr Adolesc Med*. 1998;152(3):255–262
19. Bethell C, Peck C, Schor E. Assessing health system provision of well-child care: the Promoting Healthy Development Survey. *Pediatrics*. 2001;107(5):1084–1094
20. Schuster MA, Duan N, Regalado M, Klein DJ. Anticipatory guidance: what information do parents receive? What information do they want? *Arch Pediatr Adolesc Med*. 2000;154(12):1191–1198
21. Dumont-Mathieu TM, Bernstein BA, Dworkin PH, Pachter LM. Role of pediatric health care professionals in the provision of parenting advice: a qualitative study with mothers from 4 minority ethnocultural groups. *Pediatrics*. 2006;118(3). Available at: www.pediatrics.org/cgi/content/full/118/3/e839
22. Glaser BG, Strauss A. *The Discovery of Grounded Theory: Strategies for Qualitative Research*. Chicago, IL: Aldine Publishing Co; 1967
23. Strauss A, Corbin J. *Grounded Theory in Practice*. Thousand Oaks, CA: Sage; 1997
24. Olson LM, Tang SF, Newacheck PW. Children in the United States with discontinuous health insurance coverage. *New Engl J Med*. 2005;353(4):382–391
25. Cull WL, Caspary GL, Olson LM. Many pediatric residents seek and obtain part-time positions. *Pediatrics*. 2008;121(2):276–281
26. Tanner L, Stein MT, Olson LM, Radecki L, Frintner MP. Reflections on well-child care practice: a national study of pediatric clinicians. *Pediatrics*. 2009;124(3):849–857

What Do Families Want From Well-Child Care? Including Parents in the Rethinking Discussion

Linda Radecki, Lynn M. Olson, Mary Pat Frintner, J. Lane Tanner and Martin T. Stein
Pediatrics 2009;124;858

DOI: 10.1542/peds.2008-2352 originally published online August 24, 2009;

Updated Information & Services

including high resolution figures, can be found at:
<http://pediatrics.aappublications.org/content/124/3/858>

References

This article cites 20 articles, 8 of which you can access for free at:
<http://pediatrics.aappublications.org/content/124/3/858#BIBL>

Subspecialty Collections

This article, along with others on similar topics, appears in the following collection(s):
Administration/Practice Management
http://www.aappublications.org/cgi/collection/administration:practice_management_sub
Standard of Care
http://www.aappublications.org/cgi/collection/standard_of_care_sub

Permissions & Licensing

Information about reproducing this article in parts (figures, tables) or in its entirety can be found online at:
<http://www.aappublications.org/site/misc/Permissions.xhtml>

Reprints

Information about ordering reprints can be found online:
<http://www.aappublications.org/site/misc/reprints.xhtml>

American Academy of Pediatrics

DEDICATED TO THE HEALTH OF ALL CHILDREN™



PEDIATRICS®

OFFICIAL JOURNAL OF THE AMERICAN ACADEMY OF PEDIATRICS

What Do Families Want From Well-Child Care? Including Parents in the Rethinking Discussion

Linda Radecki, Lynn M. Olson, Mary Pat Frintner, J. Lane Tanner and Martin T. Stein
Pediatrics 2009;124;858

DOI: 10.1542/peds.2008-2352 originally published online August 24, 2009;

The online version of this article, along with updated information and services, is located on the World Wide Web at:

<http://pediatrics.aappublications.org/content/124/3/858>

Pediatrics is the official journal of the American Academy of Pediatrics. A monthly publication, it has been published continuously since 1948. Pediatrics is owned, published, and trademarked by the American Academy of Pediatrics, 141 Northwest Point Boulevard, Elk Grove Village, Illinois, 60007. Copyright © 2009 by the American Academy of Pediatrics. All rights reserved. Print ISSN: 1073-0397.

American Academy of Pediatrics

DEDICATED TO THE HEALTH OF ALL CHILDREN™

