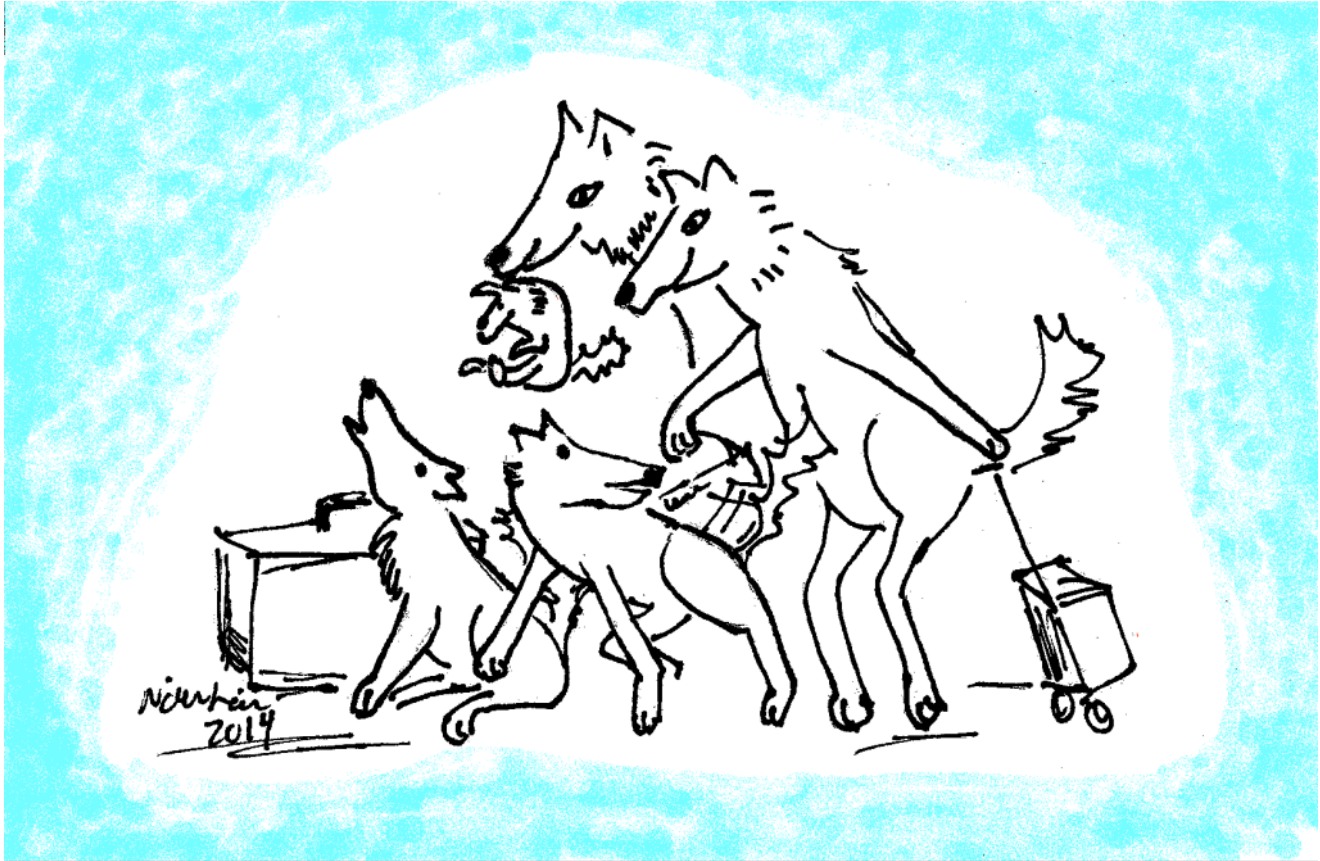


# Guide to traveling with young children for the holidays



*In spite of the long TSA lines, rental car challenges and all the howling,  
the wolf family made sure they got to grandmother's house every year.*

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ow much your baby has grown until you attempt a diaper change on a plane. For families, any holiday can become stressful when traveling with young children is involved. Often families travel great distances to be together and attend parties that run later than their children's usual bedtimes. Fancy food and fancy dress are common. Well-meaning relatives who see your children once a year can be too quick to hug and kiss, sending even not-so-shy kids running. Here are some tips for safer and smoother holiday travel:

**If you are flying, refrain from offering Benadryl (diphenhydramine) as a way of "insuring" sleep during a flight. Kids can have paradoxical reactions and become hyper**

instead of sleepy, and even if they do become sleepy, the added stimulation of flying can combine to produce an ornery, sleepy, tantrum-prone kid. Usually the drone of the plane is enough to sooth kids into slumber.

Know also that **not all kids develop ear pain on planes as they descend**- some sleep right through landing. However, if needed you can offer pacifiers, bottles, drinks, or healthy snacks during take-off and landing because swallowing may help prevent pressure buildup and thus discomfort in the ears. And yes, it is okay to fly with an ear infection.

**Before you travel, identify the nearest children's hospital, urgent care center, or pediatrician** who is willing to see out-of-town new patients, so that if your child becomes ill enough to need medical care while you are away from home, you will already know where to go.

**Traveling 400 miles away from home to spend a few days with close family and/or friends is not the time to solve your child's chronic problems.** Let's say you have a child who is a poor sleeper and climbs into your bed every night at home. Knowing that even the best of sleepers often have difficulty sleeping in a new environment, just take your "bad sleeper" into your bed at bedtime and avoid your usual home routine of waking up every hour to walk her back into her room. Similarly, if you have a picky eater, pack her favorite portable meal as a backup for fancy dinners. One exception about problem solving to consider is when you are trying to say bye-bye to the binkie or pacifier.

**Supervise your child's eating** and do not allow your child to overeat while you catch up with a distant relative or friend. Ginger-bread house vomit is DISGUSTING, as Dr. Kardos found out first-hand when one of her children ate too much of the beautiful and generously-sized ginger bread house for dessert.

Speaking of food, **a good idea is to give your children a**

**wholesome, healthy meal at home, or at your “home base,”** before going to a holiday party that will be filled with food that will be foreign to your children. Hunger fuels tantrums so make sure his appetite needs are met. Then, you also won't feel guilty letting him eat sweets at a party because he already ate healthy foods earlier in the day.

If you have a young baby, **take care to avoid losing control of your ability to protect your baby from germs.** Well-meaning family members love passing infants from person to person, smothering them with kisses along the way. Unfortunately, nose-to-nose kisses may spread cold and flu viruses along with holiday cheer.

On the flip side, there are some family events, such as having your 95-year-old great-grandfather meet your baby for the first time, that are once-in-a-lifetime. **So while you should be cautious on behalf of your child, ultimately, heed your heart.** At six weeks old, Dr. Lai's baby traveled several hours to see her grandfather in a hospital after he had a heart attack. Dr. Lai likes to think it made her father-in-law's recovery go more smoothly.

**If you have a shy child,** try to **arrive early** to the family gathering. This avoids the situation of walking into a house full of unfamiliar relatives or friends who can overwhelm him with their enthusiasm. Together, you and your shy child can explore the house, locate the toys, find the bathrooms, and become familiar with the party hosts. Then your child can become a greeter, or can simply play alone first before you introduce him to guests as they arrive. If possible, spend time in the days before the gathering sharing family photos and stories to familiarize your child with relatives or friends he may not see often.

Sometimes you have to remember that **once you have children, their needs come before yours.** Although you eagerly anticipated a holiday reunion, your child may be too young to

appreciate it for more than a couple of hours . An ill, overtired child makes everyone miserable. If your child has an illness, is tired, won't use the unfamiliar bathroom, has eaten too many cookies and has a belly ache, or is in general crying, clingy, and miserable despite your best efforts, just leave the party. You can console yourself that when your child is older his actions at that gathering will be the impetus for family legends, or at least will make for a funny story.

**Enjoy your CHILD's perspective of holidays:** enjoy his pride in learning new customs, his enthusiasm for opening gifts, his joy in playing with cousins he seldom sees, his excitement in reading holiday books, and his happiness as he spends extra time with you, his parents.

We wish you all the best this holiday season!

Julie Kardos, MD and Naline Lai, MD

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Updated from our 2009, 2014, and 2015 articles on these topics

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## **Flu vaccine myth busters**



*Ben's runny nose, as depicted by Ben*

The good news is that there was only a smattering of influenza (flu) cases across the United States over the summer. The great news is that according to the Centers for Disease Control, most of the detected strains are covered in this year's vaccine.

If you're still hesitant to vaccinate your family, let's talk frankly about some myths we sometimes hear about flu vaccines:

*If my friend's child has flu symptoms, I'll just avoid their house to avoid catching the flu*

**False.** According to the CDC , you are infectious the day before symptoms show up. So it is TOO LATE to avoid only those already sick.

*My family never gets the flu so it's not necessary to get the vaccine.*

**False and dangerous.** Saying "My child and I have never had the flu so we don't need the flu vaccine" is like saying, "I've never a car accident so I won't wear my seat belt."

*I got the flu shot last year and then I got sick. So the flu shot must have made me sick.*

Our condolences. True, you were sick. **But this statement is False,** because the illness was not caused by the flu vaccine.

Vaccines are not real germs, so you can't "get" a disease from the vaccine. But to your body, vaccine proteins appear very similar to real germs and your immune system will respond by making protection against the fake vaccine germ. When the real germ comes along, pow, your body already has the protection to fend off the real disease.

It is important to realize that the vaccine takes about 2 weeks to take effect in your body. So, if you were unlucky enough to be exposed to someone with the flu and then got the vaccine the next day, you still have a good chance of coming down with the flu. Unfortunately, the vaccine will not have had a chance to work yet.

Please know, however, there is a chance that for a couple days after a vaccine, you will ache and have a mild fever. The reason? Your immune system is simply revving up. But no, the flu vaccine does not give you the flu.

*No one dies from the flu anymore, do they? Flu is just not that dangerous, so my child does not need a flu shot. I will just take my chances with flu.*

**False!** A total of 107 influenza-associated pediatric deaths were reported for the 2016-2017 season. In past seasons up to 90% of children who died from flu did not receive a flu vaccine. So please, vaccinate yourself and your children.

*The vaccine coverage is awful.*

**Not the case this year.** On the other hand, even if coverage was spotty, look at it this way— if half of the flu out there was covered, that's a lot fewer people that won't give your kid the flu.

Naline Lai, MD and Julie Kardos, MD

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rev Oct. 10, 2017 see comments

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**Got little kids? One must-have number to put in your phone: Poison Control**



The number to put in your phone when you have little ones? Poison Control: **1-800-222-1222**. Text "POISON" TO 797979 to save the contact information in your smartphone.

Did your toddler eat dog poop? Or a berry from your backyard bush? Did you give the wrong medication to your child? **Call Poison Control.**

Experts at Poison Control will direct your next step. They

have access to extensive data on poisoning, and they can give you that information much quicker than a drug-manufacturer or pharmacist or even your own doctor. **The call is free.**

One of Dr. Lai's kids ate a mushroom from the yard when she was 20 months old—she called Poison Control. A mom asked Dr. Lai about carbon monoxide exposure—she called Poison Control. If doctors have a question about any ingestion or poisoning—we call Poison Control. But don't wait for us to call, go ahead yourself and call.

People often jump first to the internet for information. However, a small 2013 study found that the internet is NOT the best place to research questions about toxins. Many sites fail to direct readers to the Poison Control Center, and those who do, fail to supply the proper phone number – again, that's **1-800-222-1222**. If you do want to use the internet, use [www.PoisonHelp.org](http://www.PoisonHelp.org) which is a product of the American Association of Poison Control Centers

If your child needs emergent treatment, surfing the internet for what to do next wastes precious time. Don't reach for your phone to "google it." In the case of a possible poisoning, reach for your phone and make a CALL.

It could be life-saving.

Julie Kardos, MD and Naline Lai, MD

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## **Pediatric tidbits-probiotics,**



# sport burnout and more



In front of “The Bean” in Chicago

We’re back from the American Academy of Pediatrics National Conference and Exhibition in Chicago—sharing with you some tidbits from the forefront of pediatrics:

**New high blood pressure guidelines are here.** Starting at age 3 years, children should have their blood pressure checked annually, more often if they have certain medical conditions such as diabetes or kidney disease. The cutoff for “high blood pressure” has been lowered so more and more, you may notice your pediatrician scrutinizing your child’s blood pressure.

**We’ve noticed many more over-use injuries from kids who play the same sport year round.** We were reminded that most

professional athletes played multiple sports in high school and some even up through college. Specialization in a particular sport leads to more injuries, burnout, depression, and anxiety. If you feel that sports rule your child's life, remember this good rule of thumb: for high school kids, keep training under 16 hours a week. For the younger kids, keep the total number of hours per week playing organized sports under an hour per week for each year of age. For example, an 8 year old should spend no more than 8 hours per week playing organized sports.

**Probiotics are ubiquitous these days, but are they helpful?** In viral diarrhea, probiotics can be mildly helpful, and may shorten the duration of diarrhea by about a day. Probiotic therapy is showing promise for treating colic, but not for treating eczema. For more information see the International Scientific Association of Probiotics and Prebiotics.

**If your child scalds himself,** put the burn under COLD running tap water for *20 minutes* to stop further injury. This treatment is effective for up to 3 hours after a burn.

**A cautionary word about herbs:** Know that herbs are not regulated by the FDA (Food and Drug Administration). Companies that supply herbs are under no obligation to show that the product works. Additionally, the company that sells the herb does not have to show that the herb is safe or effective, and cannot claim that the product can cure or prevent anything. Additionally there are no manufacturing standards to adhere to, which means you do not know how much herb or for that matter, any other contaminants, are in the herbs that you buy.

Julie Kardos, MD and Naline Lai, MD

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# Cell phones, routers and electromagnetic radiation



*At college drop off last week, my husband noticed an object that looked suspiciously like a router in our kid's dorm room. Vaguely aware that routers emit some sort of radiation, I turned to environmental medicine expert Dr. Alan Woolf for*

*information, here is what he shared:*

Q: My daughter has a wireless router within 2 feet of where she sleeps. Is this a problem?

A: The answer to the question is unfortunately not a straightforward 'no problem'. Routers are one of a number of devices, including tablets, cell phones, and cell towers, that give off electromagnetic radiation (EMR) or radiofrequency radiation (RFR). In 2013 more than 6.8 billion mobile phones were registered.

Animal studies of EMR/RFR shows some biological effects, but it is uncertain whether these are applicable to humans. Human studies (and there have been many) have been either inconclusive or negative and are frequently confounded by problems with their design. However one well-controlled, blinded 2015 study of 31 adult females (average age: 26 years) holding 3G mobile phones near their heads for 15 minutes showed evidence of changes in their brain waves on EEG. Whether these changes were long-lasting or of any health import are unanswered questions. The International Agency for Research on Cancer (IARC), part of the United Nations' World Health Organization, said in June 2011 that a family of frequencies that includes mobile-phone emissions is "possibly carcinogenic to humans."

Federal agencies, such as the NIOSH, FCC and FDA, have set safety standards for mobile phones, routers, cell towers, etc. that are inclusive of safety factors for EMR/RFR emissions for humans; no commercial devices can be sold in the U.S. that do not comply with such standards. RFR energy levels from Wi-Fi equipment in all areas accessible to the general public, including school settings, are required to meet Federal exposure guidelines. The limits specified in the guidelines are based on an ongoing review of thousands of published scientific studies on the health impacts of RFR energy. Levels of RFR energy emitted from Wi-Fi equipment are typically well



below these exposure limits. As long as exposure is below these established limits, there is no convincing scientific evidence that emissions from this equipment are dangerous to schoolchildren or to adults. There is no scientific evidence of long-term or cumulative health effects of RFR in children.

Wireless routers in commercial use are very low energy devices and are not a safety concern. Still, It seems prudent to keep some distance away from EMR/RFR emitters when chronic exposure is likely. The strength (and therefore dose) of EMR/RFR is exponentially inversely proportional to distance from the emission. Apple Inc. itself recommends, for example, that mobile phones be held at least 5/8 inch away from the body, or that Bluetooth-type headphone devices be used to keep the head away from the phone emitter.

In reality, EMR/RFR waves are all around us (just see what happens when your cell phone is 'searching' for a signal—sometimes it finds half a dozen or more in your vicinity). Unfortunately the medical safety science has not kept up with advances in the technology and so there continue to be uncertainty and unanswered health questions concerning their safety.

Alan Woolf, MD, MPH

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*We thank Dr. Woolf for his insight, and Dr. Lai is happy to report that her daughter gets great wi-fi reception. Alan Woolf, MD, MPH is Professor of Pediatrics, Harvard Medical School (HMS), attending physician at Boston Children's Hospital (BCH) and has authored over 250 original reports, scientific reviews, chapters, and other publications, many of them on topics concerning children's poisoning and toxic environmental exposures. Among other accolades he is a past-president of the American Association of Poison Control Centers (AAPCC), and immediate past-president of the American*

*Academy of Clinical Toxicology (AACT). Dr. Woolf has also served as external consultant to the World Health Organization's International Program in Chemical Safety and as a member of the National Advisory Committee for Acute Exposure Guideline Levels for Hazardous Substances, EPA. He was recently chosen as a member of the General Hospital & Personal Use Device Panel of the Food & Drug Administration (FDA) and also serves as a consultant to the Medical Devices Advisory Committee of the Center for Devices and Radiological Health of the FDA.*

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## **What's new with the flu vaccine 2017-2018**



*pixabay.com*

*“What? The flu vaccine again? We JUST got it,” our kids groaned when we told them it was time to get their flu vaccines. In fact, they “just got it” a year ago, which we pointed out to them. Read on to see updates on this year’s flu vaccine and why it should be on your child’s back to school to do list.*

**This year’s flu vaccine is slightly different from last year’s**– it’s been changed to cover a different strain of circulating H1N1 influenza. Several flu vaccines have been FDA approved for this year’s flu season and all of them will give

similar protection for your child. Make sure your child receives a flu shot and NOT the FluMist/spray-in-the-nose kind of vaccine. Unfortunately for those who are needle phobic, the FluMist has not been shown to be effective and therefore, while still licensed, is NOT recommended for use this year.

The flu vaccine is recommended for **all kids six months of age and older**, with very few exceptions. Even pregnant moms safely can receive the flu vaccine.

**Too early for flu vaccine?** Nope! Older adults might lose some immunity if vaccinated “too soon” in the season, but this observation is not born out in kids. The threat of incomplete or forgotten vaccine outweighs theoretical risk of delaying flu vaccine (even for older adults), so best to get it now.

In case you forgot, the flu is a week of misery, consisting of high fevers, cough and other respiratory symptoms, body aches, and headaches. Younger kids are prone to some diarrhea or vomiting or both along with these bad cold symptoms. The flu can cause dehydration and pneumonia, and sometimes death, even in previously healthy kids. Simply limiting your child’s exposure to people showing flu symptoms is not an effective way of preventing illness because people are the most contagious right before they show any symptoms.

**Booster dose** As in previous years, children under nine years of age need a booster dose the first year they receive the vaccine. If your young child should have received a booster dose last year, but missed it, they will receive two doses of this year’s vaccine spaced one month apart (the primary dose plus a booster dose).

This prior post teaches you how to tell if your kid has flu vs “just” a cold. We invite you to read more about this year’s flu vaccine on the Centers for Disease Control website [here](#).

Julie Kardos, MD and Naline Lai MD

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# First day of kindergarten-a letter to your child



*Whether your child is about to start kindergarten or college, we invite you to read Dr. Lai's letter she wrote to her first born the night before she started kindergarten. Spoiler: You might want to grab a tissue.*

My Child,

As we sit, the night before kindergarten, your toes peeking out from under the comforter, I notice that your toes are not so little anymore.

Tomorrow those toes will step up onto to the bus and carry you away from me. Another step towards independence. Another step to a place where I can protect you less. But I do notice that those toes have feet and legs which are getting stronger. You're not as wobbly as you used to be. Each time you take a step you seem to go farther and farther.

I trust that you will remember what I've taught you. Look both ways before you cross the street, chose friends who are nice to you, and whatever happens don't eat yellow snow. I also trust that there are other eyes and hearts who will watch and guide you.

But that won't stop me from worrying about each step you take.

Won't stop me from holding my breath.

Just like when you first started to walk, I'll always worry when you falter.

I smile because I know you'll hop up onto the bus tomorrow, proud as punch, laughing and disappearing in a sea of waving hands. I just hope that at some point, those independent feet will proudly walk back and stand beside me. Maybe it will be when you first gaze into your newborn's eyes, or maybe it will be when your child climbs onto the bus for the first time.

Until then, I hold my breath each time you take a step.

Love,  
Mommy

Naline Lai, MD

# Get your child back on a school sleep schedule



Great-horned owl, NPS Photo, Big Bend National Park

Okay, we admit it: our kids are still in their summertime sleep mode of stay up late/sleep late. With school starting soon, many of us now have to shift our children from summer to school year sleep schedules. Because school start times are constant (and early), the kids will have an easier time if you help them shift their bedtimes gradually over the period of a week or two toward the desired earlier bedtime. Remember, the average school-aged child needs 10-11 hours of sleep at night and even teenagers function optimally with 9-10 hours of slumber per night.

Here are some straight forward ways to help ensure good quality sleep for your child:

- 1. Keep sleep onset and wake up times as consistent as possible 7 days a week.** If you allow your child to

“sleep in” during the weekends, she will have difficulty falling asleep earlier on Sunday night, have difficulty waking up Monday morning, and start off her week over-tired, more cranky, and less able to process new information—not good for learning. That said, you can allow your teens, who generally have a much earlier school start time than their biological clocks desire, to sleep in an hour or so on weekends to catch up on sleep.

2. **Limit or eliminate caffeine intake.** Often teens who feel too sleepy from lack of sleep drink tea, coffee, “energy drinks” or other caffeine laden beverage in attempt to self-medicate in order to concentrate better. What many people don’t realize is that caffeine stays in your body for 24 hours so it is entirely possible that the caffeine ingested in the morning can be the reason your child can’t fall asleep later that night. Know also that kids who drink “pre-work out” drinks may not realize that caffeine is one of the ingredients. Better to pre-hydrate with water. Caffeine can have side effects of jitteriness, heart palpitations, increased blood pressure, and gastro-esophageal reflux (heartburn). If your child already has a daily ice-tea, coffee, or other caffeine containing drink, let her wean down gradually—abrupt caffeine withdrawal can cause headaches.
3. **Keep a good bedtime routine.** Just as a soothing, predictable bedtime ritual can help babies and toddlers settle down for the night, so too can a bedtime routine help prepare older kids for sleep. Prevent your child from doing homework on his bed- better to associate work with a desk or the kitchen table and his bed with sleep.
4. **Avoid TV/computer/ screen time/smart phones just before bed.** Although your child may claim the contrary, watching TV is known to delay sleep onset. We highly recommend no TV in a child’s bedroom, and suggest that parents confiscate all cell phones and electronic toys, which kids may otherwise hide and use without parent

knowledge, by one hour prior to bedtime. Quiet activities such as taking a bath, reading for pleasure, and listening to music are all known to promote falling asleep. Just be sure your kids put down the book, turn off the music, and turn off the light to allow time to relax in their beds and fall asleep. Many use this time for prayer or meditation.

5. **Encourage regular exercise.** Kids who exercise daily have an easier time falling asleep at night than kids who don't exercise. Gym class counts. So does playing outside, dancing, walking, and taking a bike ride. Participating in a team sport with daily practices not only helps insure better sleep but also has the added benefit of promoting social interactions

Getting enough sleep is important for your child's academic success as well as for their mental health. We pediatricians have had parents ask about evaluating their children for attention-deficit hyperactivity disorder because of an inability to pay attention, only to find that their youngster's focusing issues stem from tiredness. Teens are often so over-involved in activities that they average 6 hours of sleep or less per night. Increasing the amount of sleep in these kids can alleviate their attention problems and resolve their hyperactivity.

Additionally, sleep deprivation can cause symptoms of depression. Just recall the first few weeks of having a newborn: maybe you didn't think you were depressed but didn't you cry from sheer exhaustion at least once? A cranky kid or sullen teen may become much more upbeat and pleasant if they get an extra hour of sleep each night.

Unfortunately for children, the older they get, their natural circadian rhythm shifts them toward the "night owl" mode of staying up later and sleeping later, and yet the higher-up years in school start earlier so that teens in high school start school earliest at a time their bodies crave sleeping

late. A few school districts in the country have experimented with starting high school later and grade school earlier and have met with good success. Unless you live in one of these districts, however, your teens need to conform until they either go to college and when they can choose classes that start later in the day or choose a job that allows them to stay up later and sleep later in the day.

For kids of all ages, a night time ritual of “tell me about your day” can help kids decompress, help them fall asleep, and keep you connected with your child.

Julie Kardos, MD and Naline Lai, MD

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## **When can kids “go it alone?”**





photo by Lexi Logan [www.LexiLogan.com](http://www.LexiLogan.com)

Dr. Lai was shocked when she saw her first child, at age 2  $\frac{1}{2}$  years, pour water out of a small pitcher into her own cup at daycare. At home it never occurred to Dr. Lai to let her try.

When can you start letting your kids do things for themselves? While there is not a lot of hard data on this, developmentally your kids may be more capable than you think.

**Eating/self feeding:**

-with hands: 9 months

-with spoon/fork: 18 months

-with chopsticks: 4 years

**Pour own cereal and milk:** 5 years but expect some spills

**Cook a meal** or at least start to cook a meal on their own: around age 12 +/- 2.5 years per 2007 survey of American pediatricians. In fact, kids are allowed to participate in the TV show *Chopped Junior* at age nine.

**Brush teeth:**

Toddlers: kids take a turn, then parents take turn.

Preschool/early school aged kids: parents continue to inspect and may continue to take a turn

Again, according to the 2007 pediatrician survey, around age 8 years is when kids can do complete oral care on their own.

**Pee/Poop:**

5 years-Kindergarteners should be able to independently go to the bathroom. That includes undressing, using toilet/wiping, redressing, and washing hands. Unfortunately, they may still not be great at wiping- this is one reason for daily baths/showers at this age.

**Completely dress/undress** including zippers and buttons: 5 years. But don't necessarily expect matching colors – some adults never even learn this skill!

**Tie shoes:** 4-6 years.

**Medical and emergency care**

**Self-injectable epinephrine** (brand names Epi-pen, AuviQ): 12-14 years – per survey of 88 allergists.

**Diabetes self care:** kids around age 7 have the fine motor coordination needed to inject insulin and check blood sugar under supervision of an adult.

**Come home to an empty house:**



According to the American Academy of Pediatrics, 11-12 year olds can come home to an empty house after school if:

- Daytime
- Not alone for longer than 2-3 hours
- Depends on safety of neighborhood
- Depends on other neighbors nearby who could help in an emergency
- Child should know how to answer phone, what to do in the event of fire, knows how to access the home's water shut-off, can handle a medical emergency, knows where first aid kit is, and knows the name of pediatrician, preferred hospital, insurance, and how to contact parent

### **Babysit:**

Recommendations vary and while there are no specific laws, there are plenty of state guidelines and recommendations. Ultimately, parents are responsible for who cares for their kids when the parents are not present. The American Red Cross offers an on-line babysitting course for kids starting at age 11 years.

So teach your children how to take care of themselves well, for their own sake and for yours. Remember, they will be the ones caring for you in your old age.

Naline Lai, MD and Julie Kardos, MD

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# **Itching to know: how to treat poison ivy**



Teach your child to recognize poison ivy: "leaves of three, let'em be!"

Recently we've had a parade of itchy children troop through our office. The culprit: poison ivy.

**Myth buster:** Fortunately, poison ivy is NOT contagious. You can catch poison ivy ONLY from the plant, not from another person.

**Another myth buster:** You can **not** spread poison ivy on yourself through scratching. However, where the poison (oil) has touched your skin, your skin can show a delayed reaction-sometimes up to two weeks later. Different areas of skin can react at different times, thus giving the illusion of a spreading rash.

**Some home remedies for the itch:**

**Hopping into the shower** and rinsing off within fifteen minutes of exposure can curtail the reaction. Warning, a bath immediately after exposure may cause the oils to simply swirl around the bathtub and touch new places on your child.

**Hydrocortisone 1%-** This is a mild topical steroid which decreases inflammation. We suggest the ointment- more staying power and unlike the cream will not sting on open areas, use up to four times a day

**Calamine lotion – a.k.a. the pink stuff-** This is an active ingredient in many of the combination creams. Apply as many times as you like.

**Diphenhydramine (brand name Benadryl)-** take orally up to every six hours. If this makes your child too sleepy, once a day Cetirizine (brand name Zyrtec) also has very good anti-itch properties.

**Oatmeal baths –** Crush oatmeal, place in old hosiery, tie it off and float in the bathtub- this will prevent oat meal from clogging up your bath tub. Alternatively buy the commercial ones (e.g. Aveeno)

**Do not use alcohol or bleach-** these items will irritate the rash more than help

The biggest worry with poison ivy rashes is the chance of infection. Just like with an itchy insect bite, with each scratch, your child is possibly introducing infection into an open wound. Unfortunately, it is sometimes difficult to tell the difference between an allergic reaction to poison ivy and an infection. Both are red, both can be warm, both can be swollen.

However, infections cause pain – if there is pain associated with a poison ivy rash, think infection. Allergic reactions cause itchiness- if there is itchiness associated with a rash, think allergic reaction. Because it usually takes time for an infection to “settle in,” an infection will not occur immediately after an exposure to poison ivy. Infection usually occurs on the 2nd or 3rd day of scratching. If you have any concerns take your child to her doctor.

Generally, any poison ivy rash which is in the area of the eye or genitals (difficult to apply topical remedies), appears infected, or is just plain making your child miserable needs medical attention.

When all else fails, comfort yourself with this statistic: up to 85% of people are allergic to poison ivy. If misery loves company, your child certainly has company.

Naline Lai, MD and Julie Kardos, MD

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