

Oops

The image taken was not on purpose. I was actually on the job shooting photographs for a family. We were messing around with poses and lighting, then the baby just started peeing. I just happened to have camera in hand, and started shooting. I doubt this picture could be recreated. I am sure if you waited around with a baby all day naked, they would eventually pee at some point. I think it is more of a at the right place at the right time kind of shot. There was really no intent in this photograph. I would have never thought I would have captured an image like this one. It just was luck and happened to be showing some kind of flow.

The photograph is of the daddy holding the baby, the baby (Abner) is naked. He must have had the urge, because to everyone's surprise in the room he just started peeing all over. Actually in a healthy adult the urination process is under voluntary control. In infants urination occurs as an involuntary reflex. It is not till around 2-3 years that a child can voluntarily control their urination. This is when they can start to control, when higher levels of the central nervous system develops. That is why little Abner started making the flow phenomenon because he could not control it. He had been fed right before that and his bladder must have been full enough for his body to make him reflex involuntarily. Because he is a male it is possible for the pee to eject in this direction and form of a nice stream. The urethra is longer on males than a females, therefore making it easier for males to aim what direction they want to when disposing of their liquid waste. This also is why they can pee standing up.

Reynolds number is 6.97×10^4

QuickTime™ and a
decompressor
are needed to see this picture.

The visualization technique used was by accident. The stream in the picture is baby Abners urine. The urine is coming from his penis, it is an involuntary thing because his central nervous system is not fully developed at his age. The fluid coming from the penis is a liquid waste that the body disposes of. The fluid is secreted from the kidneys by a filtration process

from the ones blood. The urine itself is soluble waste and other excess things in your system, such as water, sugars and salt. The lighting used in the photograph is natural light coming in through a window that sits to the right in the picture. It was late morning somewhere around eleven o'clock, the window faces east so there was an abundant amount of light coming in. No flash.

Size of the field of view: 3 ft X 2.4 ft

Distance from object to lens: 6 ft

Lens focal length: 50 mm

Type of camera: D-50 Nikon Digital SLR.

Pixels: Original-3008 X 2000 Final- 7019 X 4667

Specs: Aperture: f 4.5 Shutter speed 1/80 ISO: 300

In Photoshop I cropped the image and upped the resolution from 300 to 700. I then turned the image black and white. I also played with the brightness and contrast tool to try and get the colors right. It still looks a little too gray for me though. When I up the contrast anymore I lose all detail.

In the end the image reveals a little baby peeing in mid air. I like the image I think it is hilarious that I caught it. I do not like the color of the image. I wish it had more true black and whites. It is way too gray toned for my liking. It was a great subject to capture. The fluid physics are shown clearly. I do not know how else one would try and capture this kind of flow phenomenon. I would like to improve the quality of the shot. It was so spontaneous that this was hard to do. If I could recreate the shot I would not want the dad's sleeves pulled up like they are or his tattoos showing. I also would have had a longer shutter speed so I could capture more detail in the picture and get those true black and whites. I think it is a great picture though for just capturing it on the spot. It is like Abner knew he was getting his photo taken at the time, he just thought he would be funny.