

The \$4,990 ice bath

- 1 In the early days of the pandemic, the celebrity trainer and nutritionist Harley Pasternak bought a chest freezer for his backyard. At the time, Mr. Pasternak, 48, who works with Ariana Grande, Maude Apatow and H.E.R., thought he might need it to store extra food. But when the grocery stores in West Hollywood stayed open, he converted the freezer into a makeshift cold plunge: a tank of icy cold water that he could dip into for a few minutes a day to ease his back pain and anxiety. "It's horrible for the first sort of 30 seconds to a minute," he said of the ice-bath experience. "But when you get past that, you kind of feel this sense of Zen, and this calm, and then when you get out, you feel this burst of energy and positivity."
- 2 Cold-plunge devotees say the practice offers all kinds of benefits, including mental clarity, pain management and even weight loss, citing proponents like the Dutch motivational speaker Wim Hof and the Stanford neuroscientist Andrew Huberman. There are few scientific studies on the practice, but Tracy Zaslow, a 48-year-old sports medicine doctor at Cedars Sinai in Los Angeles, said there is data that suggests cold exposure can at least help with muscle soreness. The science on whether regular cold plunges can help with anxiety and weight loss is less clear.
- 3 Regardless of the benefits, the practice has become popular enough that manufacturers are now swooping in to make it easier for celebrities and other wellness seekers to get their perfectly freezing ice baths on demand. Mr. Pasternak discovered this when he went searching for an alternative to his chest freezer, which turned out not to be the ideal vessel for the practice. The water inside did not circulate, which meant that after a minute or two, Mr. Pasternak's body heat would warm it up, rendering the exercise somewhat less effective. Keeping it clean was also a pain. "I remember buying a fish tank filter thing," he said.
- 4 Luckily, Mr. Pasternak found that he could buy a tub created specifically for the purpose of cold plunging. About a year ago, he purchased a Plunge, a \$4,990 plug-in tub that filters, circulates and sanitizes water in addition to cooling it down to 39 degrees Fahrenheit. Mr. Pasternak keeps it in the outdoor space at his workout studio and has since introduced it to



his celebrity clients. The race to create and market the perfect at-home cold plunge is now on. Thomas Schiffer, the founder of Blue Cube, a company that sells cold plunges to individuals and commercial spas, called the competition in this burgeoning industry the “cold wars.” Blue Cube’s offerings include a \$15,999 Mini-Me cold plunge designed for home use and a \$26,999 Malibu 56 model that can handle multiple plungers per day in a spa environment.

- 5 Is spending several thousand dollars on a cold plunge necessary to get the – real or imagined – benefits of cold therapy? Lauren Schramm, a trainer and breath work and ice bath coach, said she uses regular old Rubbermaid tubs, water and bags of ice when she leads ice bath classes in Brooklyn. “Cold water is cold water,” Ms. Schramm said. “You can turn your shower to cold when you’re in it, and you will get the same effect.” She added, however, that “if you have the funds, and you’re committed to the practice,” buying a cold plunge is more “sustainable,” because the water can be reused again and again. “If this is an investment that you would like to make, and it makes your experience of being in the tub better, awesome,” she said. Ms. Schramm and Dr. Zaslow cautioned that cold-plunge newbies should speak to their primary care doctors before dipping into an ice bath for the first time. The biggest risk of cold exposure is hypothermia, Dr. Zaslow said, and there are also rare cases in which cold exposure can trigger cardiac arrest or arrhythmias, especially in people with underlying health conditions.
- 6 For some wellness influencers, cold plunging has become a way of life. Lauryn Bosstick, the entrepreneur behind The Skinny Confidential, has written about the power of ice on her blog for years, and she now sells \$69 “Hot Mess” ice rollers for the face. She also has two cold plunges at her home in Austin, Texas: a Blue Cube in her backyard and a Plunge in her bathroom. She said she reached out to both companies and now shares affiliate links for both models with her followers. “What I’ve realized about the cold plunge, specifically, is that it’s the hardest thing, hopefully, that I’m going to do all day. To start your day with that, knowing that you’re doing the most mentally tough thing in the morning, it makes everything else easier.”
- 7 Though Ms. Bosstick has a financial interest in getting her followers to adopt this practice, she allowed that most people can get the benefits of cold therapy for (almost) free. “I think people will say, ‘Oh, well not everyone can afford an ice bath,’” she said. “OK, well then get some ice – I’ve done this before – for \$5 and put it in a bathtub with freezing cold water. That will do the trick.”

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- 1p 27 What did Harley Pasternak **initially** plan to do with his chest freezer, according to paragraph 1?
He wanted to
A create a tub to calm his mind after a hard day of work.
B save the meals he prepares for his high-end clientele.
C stockpile additional supplies in case the shops closed.
D turn it into a home-made cold bath to cure a recent injury.
- 1p 28 What is said about the effects of cold bathing in paragraph 2?
A Claims about benefits for both body and mind have not yet been fully substantiated.
B Conclusive proof of the health benefits of cold plunging appears to be just around the corner.
C The research that has been carried out so far was not done by scientists, rendering it unconvincing.
D While celebrities and researchers have reported a variety of positive impacts, medical practitioners are reluctant to acknowledge any.
- 1p 29 What is said about Mr. Pasternak's improvised ice bath in paragraph 3?
A It became more efficient after several design upgrades.
B It did not function as successfully as he had hoped.
C It had features that were copied from other prototypes.
D It turned out to be more costly than he had anticipated.
- 1p 30 How is the ice bath market presented in paragraph 4?
A as fairly technical
B as highly innovative
C as quite lucrative
D as rather unstable
- 1p 31 What opinion does Lauren Schramm express in paragraph 5?
A She advocates the use of a professionally made ice bath because of its superior quality and luxurious image.
B She applauds the purchase of a professional ice bath as self-made ones can constitute a health hazard.
C She disagrees with claims that ice baths can become unhygienic though she understands the reasoning.
D She rejects the notion that buying an expensive ice bath is essential but admits that it has its advantages.

'What I've realized about the cold plunge, specifically, is that it's the hardest thing, hopefully, that I'm going to do all day.' (aline 6)

- 1p 32 Is er nog een andere persoon in de tekst die specifiek benoemt dat de voordelen van een ijsbad opwegen tegen het ongemak?
Zo nee, antwoord 'Nee'. Zo ja, schrijf de naam op van deze persoon.
- 1p 33 How can Ms. Bosstick's remarks in paragraph 7 be summarised?
A She advises her followers to buy an ice bath.
B She claims that ice baths are overpriced.
C She concedes that buying an ice bath is optional.
D She mocks people who waste money on ice baths.
- 1p 34 Welk **positief** effect van een ijsbad is volgens het onderzoek beschreven in het artikel het meest aannemelijk?
Geef antwoord in het Nederlands.
- 1p 35 How can the tone of the author be characterised best, judging from the article as a whole?
A as critical
B as enthusiastic
C as indifferent
D as objective

Bronvermelding

Een opsomming van de in dit examen gebruikte bronnen, zoals teksten en afbeeldingen, is te vinden in het bij dit examen behorende correctievoorschrift.