

This Changes Everything: Real-Time Capture of Synthetic Assembly in dental anaesthetic:

Vesicles become rods. Rods become crystals. Crystals become complex. Programming confirmed.



DAVID NIXON
MAY 31, 2025



176



118



52

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- **This is it.**

No matter how you look at it—chemically, structurally, or logically—this 30-second sequence changes the game.

What you're seeing is not random diffusion. Not artifact. Not classical crystallization.

A vesicle transforms into a rod.

It does so with **directionality**, **coherence**, and **speed**.

There's no external trigger. No observable environmental shift.

It simply... happens.

Captured live under phase contrast at 40x magnification, this single event reveals a dynamic, intentional behavior embedded in the material. Once seen, it cannot be unseen—and it cannot be dismissed.

Micronaut Precision: Will's Lens on Dental Anaesthetics

It's been another intense week. One of the clear highlights has been integrating high-resolution microscopy from the Micronaut team into my upcoming paper on self-assembling structures in dental anaesthetics. These aren't just images—they're **evidence**.

Today, I want to spotlight the extraordinary work of **Will**, whose patient, methodical observation has revealed one of the most striking phenomena we've encountered: **vesicles transforming into rods**, which then act as **nucleation points for black crystalline assemblies**.

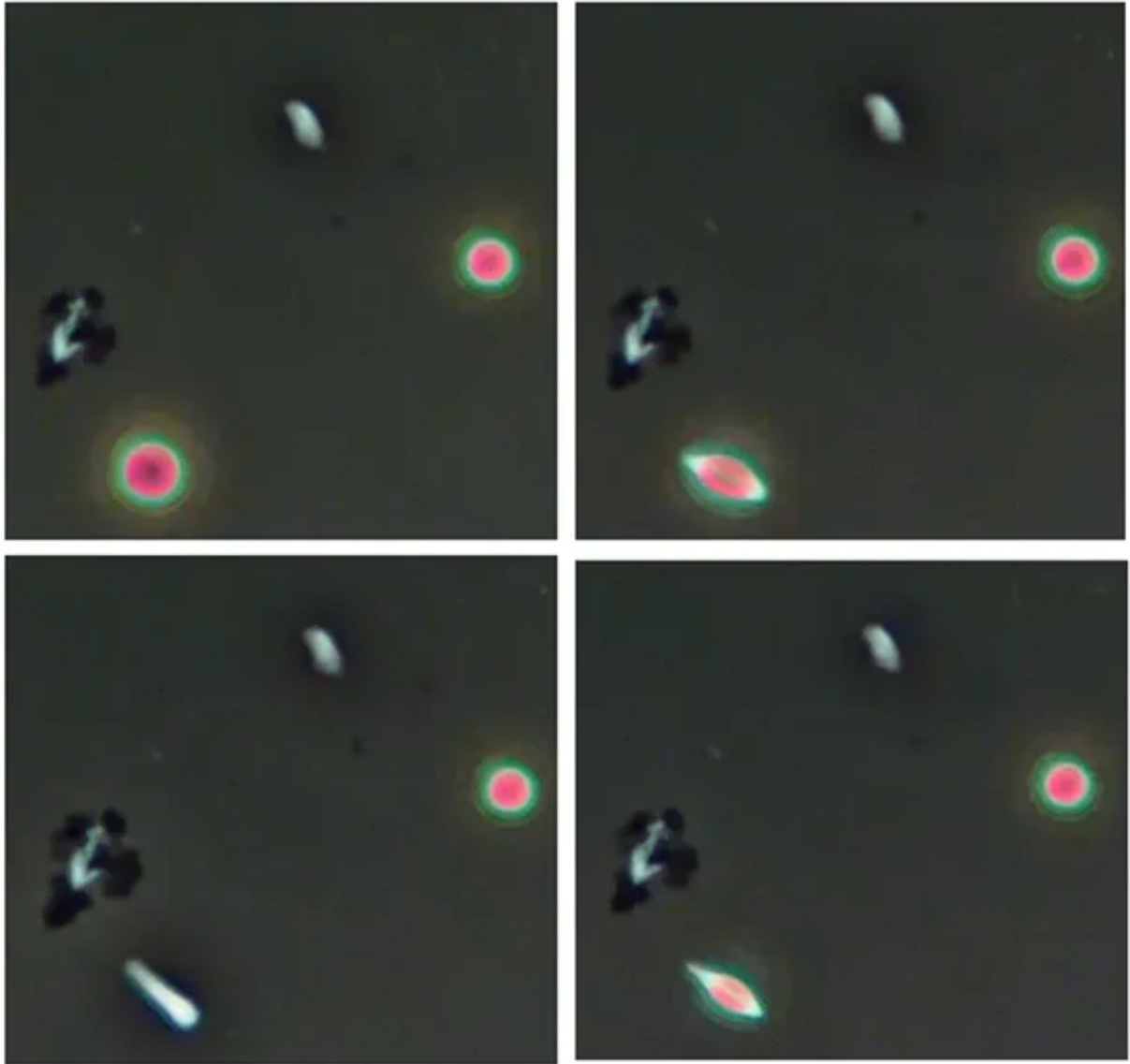
Captured under phase contrast at 40x magnification, Will's footage documents this transformation in real-time. The coherence, speed, and structural intention defy conventional assumptions about passive pharmaceutical residues. His images—taken with a standard microscope, outside any institutional lab—demonstrate that what we're witnessing is not only real, but reproducible, and deeply significant.

In this four-frame sequence, a vesicle-like structure **elongates into a rigid, rod-like form.**

It begins as a compact sphere and transforms—progressively, without any external stimulus—suggesting an **internal instruction set** or **embedded phase-shift logic**. Spatial orientation is preserved. Coherence is maintained. This is not residue behavior. This is **stepwise programming**.

The vesicle-to-rod transformation marks the **first stage in a cascade:**

Vesicles → Rods → Crystals.

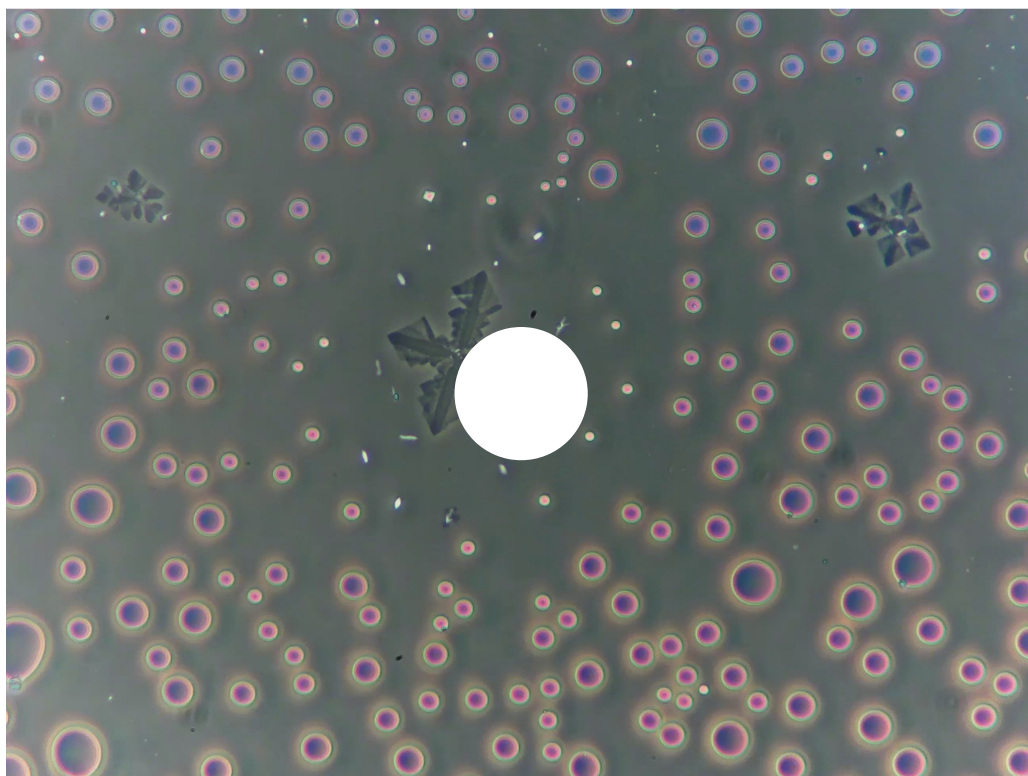


The vesicle-to-rod transformation marks the **first stage** in a cascade. Rods emerge from blobs. Then, crystals emerge from rods.

Watch what happens.

In the video embedded below, a vesicle begins to elongate—quietly, purposefully—into a rigid rod.

No visible driver. No mechanical force. Just **logic**, unfolding in plain sight.



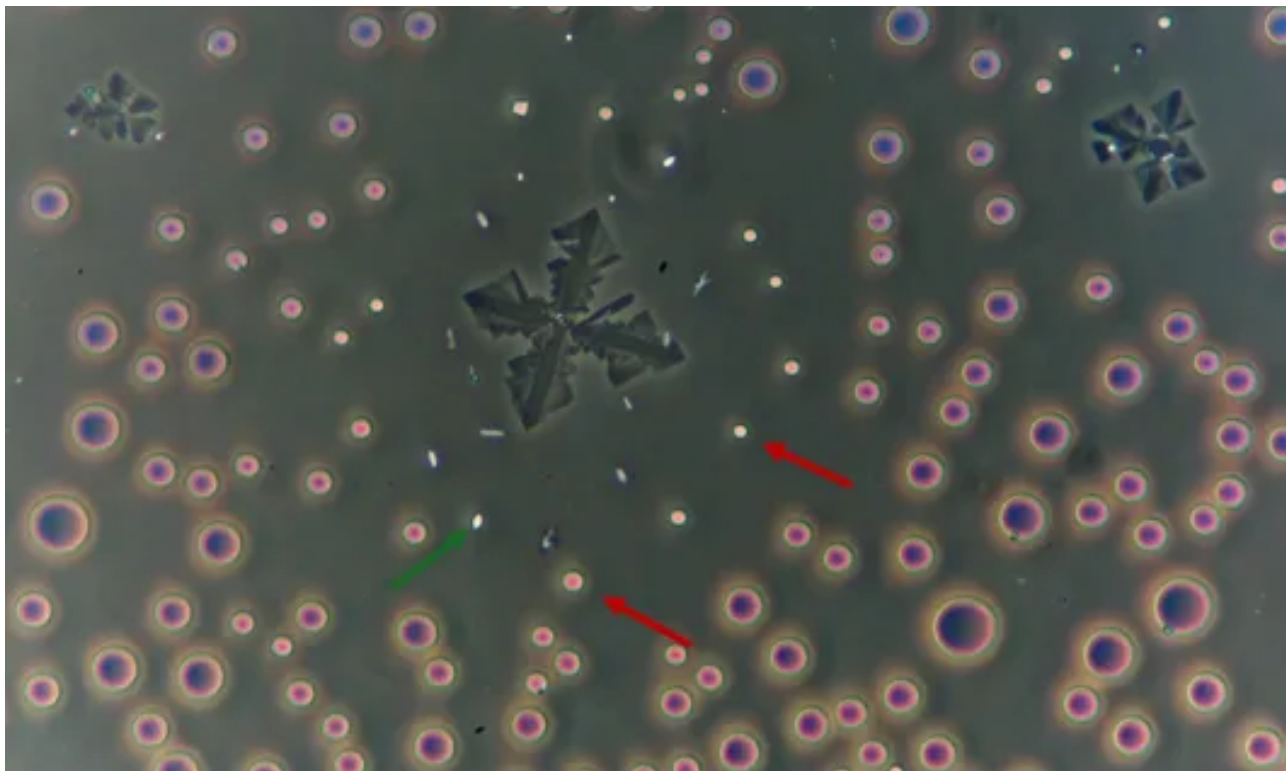
This isn't a one-off.

In the broader field of view, multiple vesicles are seen in various stages of transformation.

- **Red arrows** mark two vesicles whose full transformations into rods were captured on video.
 - The **green arrow** points to another vesicle mid-transition—already elongating.
- Together, these form a clear, observable progression.

Rods consistently act as crystallization axes.

Around them, black geometric structures form—predictably, reproducibly, and with precision.



In a follow-up sequence, paired images taken one minute apart show a vesicle adjacent to a developing rod **before and after crystallization**. The rod appears first. The crystal forms around it.

The implication is clear: **rods initiate**.

They don't just exist—they **direct**.

The resulting structure—a black geometric crystal—is **anchored** to the original rod.

This is not passive accumulation. This is stepwise construction:

Vesicle → Rod → Crystal.

Each phase has a defined role. The logic is embedded.

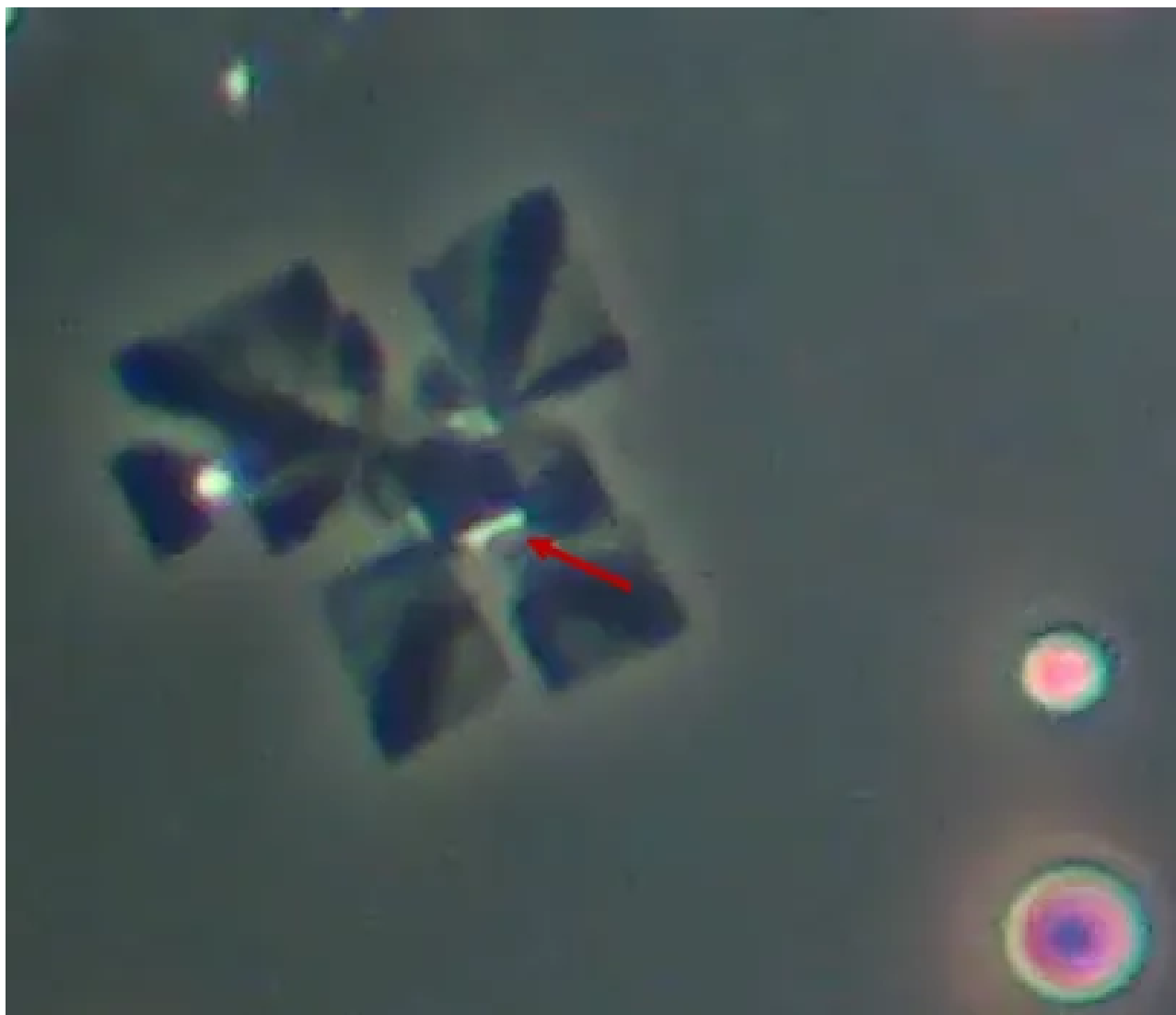


In a close-up of a fully formed black crystal, the embedded rod is unmistakable.

It sits at the center—not as noise, but as **structure**.

It appears intentional. Anchored. Aligned.

This supports the hypothesis that vesicle-derived rods serve as **nucleation sites**, providing directional cues or templating frameworks. Their consistent presence across samples strengthens the case that we are not observing stochastic behavior, but rather **synthetic self-assembly**.



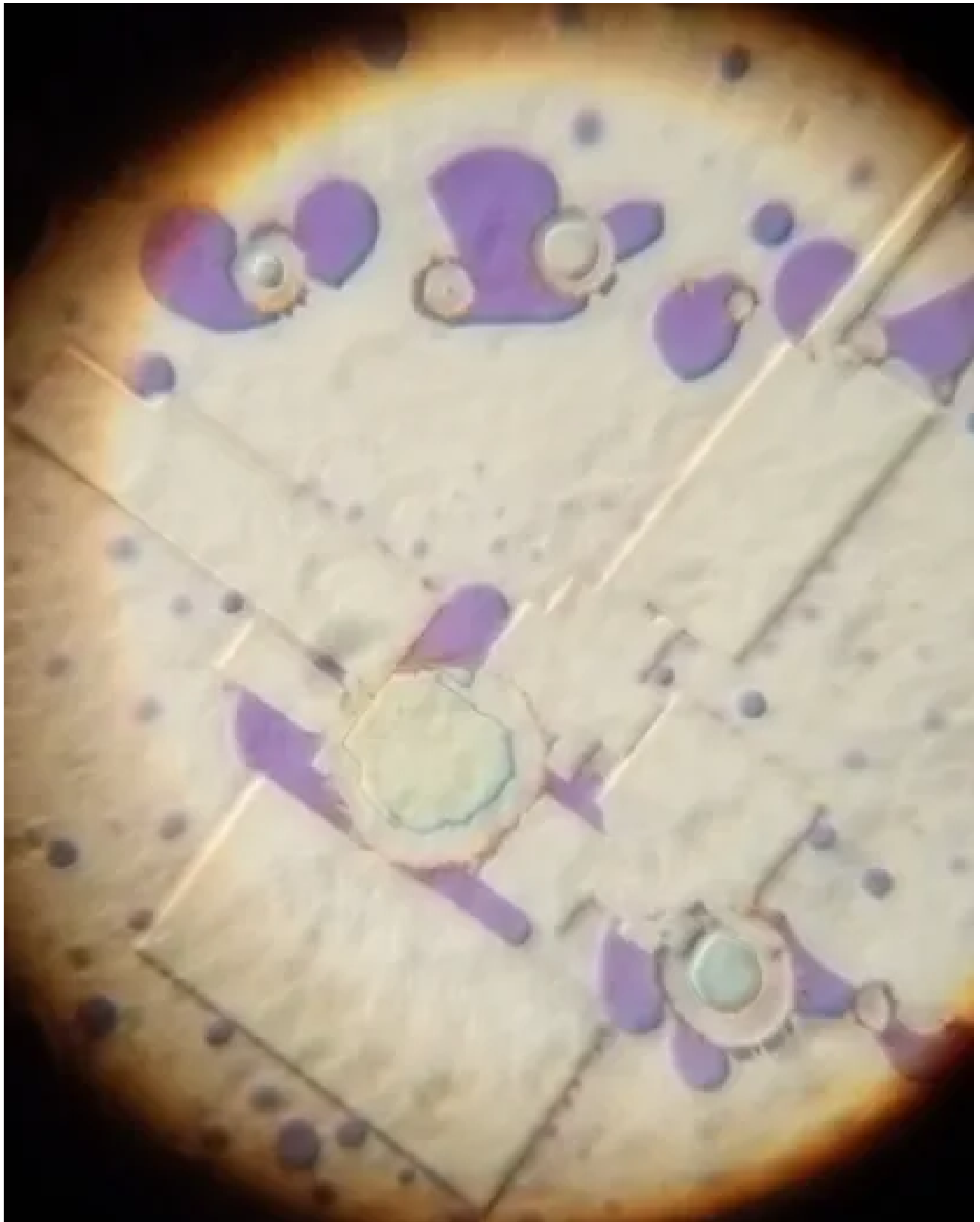
But it doesn't stop there.

Once the crystal forms, **vesicles continue to interact with it**.

In this stained image from Seth, vesicles cluster at strategic positions around the crystal's internal boundaries.

They're not bystanders. They're shaping. Delivering. Sculpting.

This supports a model of **ongoing programming**—not a one-time formation event, but a recursive material evolution guided by vesicles and structural logic.

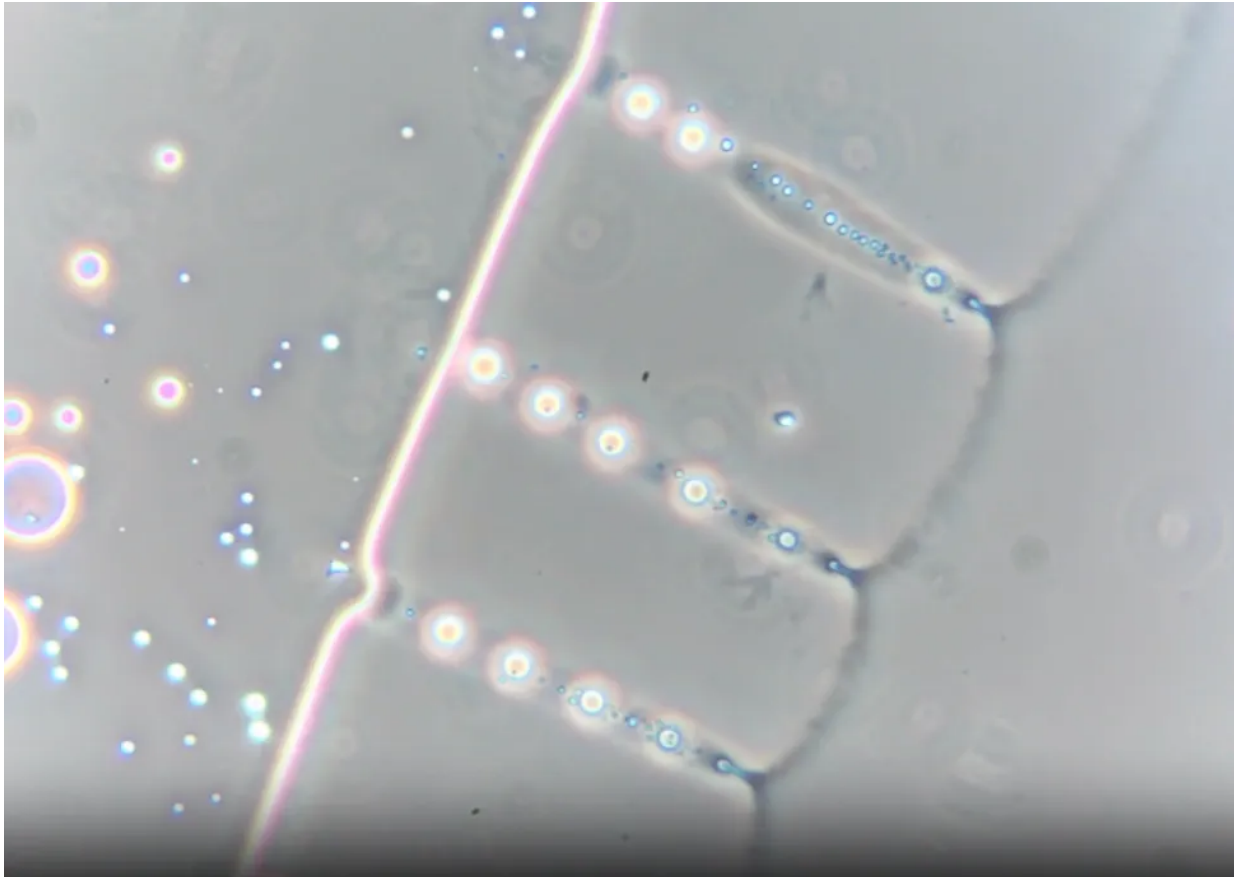


Vesicles Are Born in the Droplet

They don't appear from nowhere.

These next images show how **Sessile Droplet Evaporation (SDE)** is itself a **vesicle engine**—a microscopic mixer and nano-organizer.

- Under **phase contrast** (Will), vesicle chains form along discrete boundaries—suggesting electrostatic patterning or templating logic.



- Under **dark field** (my own), the process looks more chaotic—yet equally structured—with vesicle-like bubbles clustering around emerging crystalline or gel phases.



The conclusion:

SDE is a nanofactory.

This is where nano becomes micro.

Then Will Discovered Even More

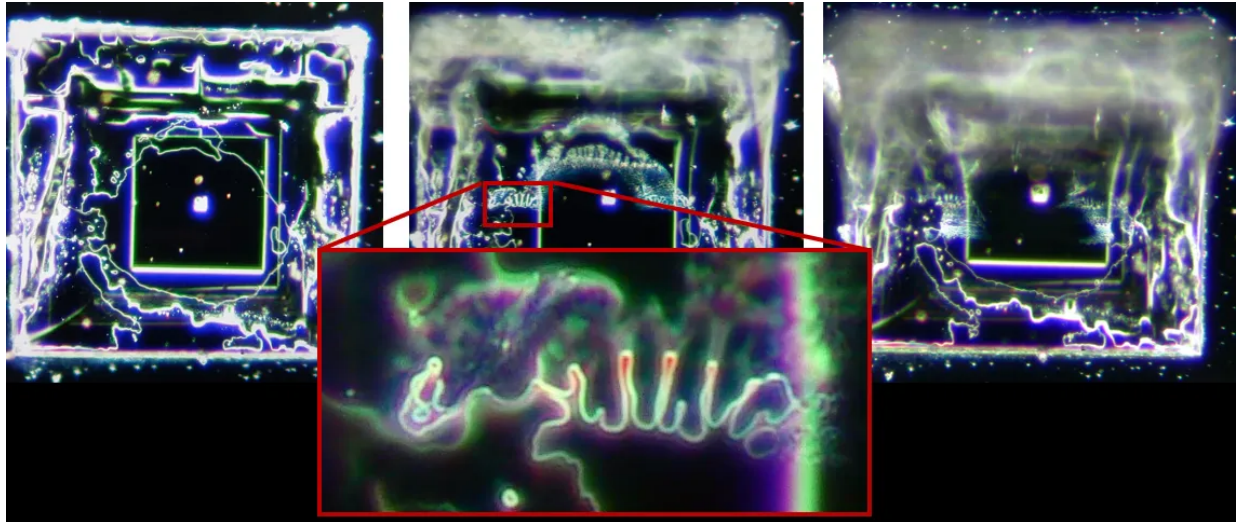
Two additional findings reinforce that we're not looking at residue.

We're looking at **engineered material behavior**.

1. Crystals That Bend

At 100x magnification, large rectangular crystals can be seen **flexing**—without fracture.

- No cracks.
- No splintering.
- Optical coherence preserved



Three-phase transition of a rectangular crystal structure showing progressive internal complexity. Inset: High-power magnification of the upper central zone reveals periodic folding behavior—supporting dynamic internal patterning consistent with synthetic design.

Sequential phase contrast images show bending over time.

The structure remains intact—suggesting hydrogel composition or flexural design properties.

This doesn't happen with salts.

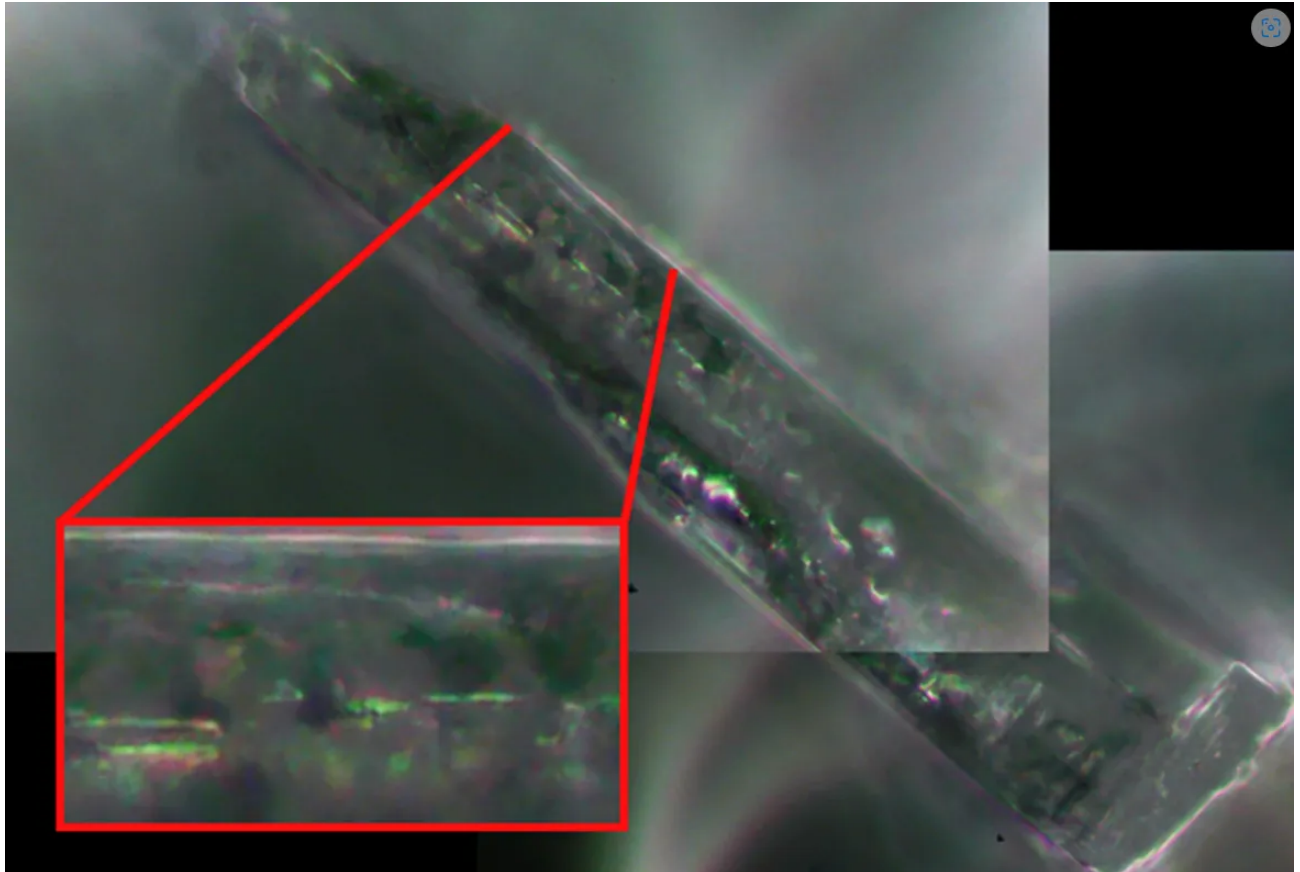
2. Crystals That Are Layered

At higher magnification, internal layering is clearly visible.

These are not single-phase monocrystals.

These are **modular constructs**—assembled in layers.

A crystal standing on edge, imaged at ~100x with phase contrast/dark field, reveals visible laminar stratification throughout the vertical axis.



This resonates strongly with **Zang et al. (2025)**, who showed that **non-classical crystallization** in binary colloids can produce:

- Hollow-core crystals
- Layered architectures
- Hierarchical growth from nanoscale to macroscale

What Zang modeled in controlled labs, we are now witnessing **inside dental anaesthetics**, under basic microscopy.

This is not salt.
Not cholesterol.
Not sugar.
Not natural.

This is **programmed architecture**—built from pharmaceutical components using unknown catalysts and internal logic.

It is **reproducible**, **structurally coherent**, and **functionally mysterious**.

It appears across **products**, **samples**, and **researchers**.

Nixon's Triad

Will's sequence provides the clearest visual confirmation yet of what I've termed Nixon's Triad:

- Vesicles
- Colloids
- Complex morphologies (e.g. CRMs, CFAs) see www.drdavidnixon.com Pfizer paper for more details.

This triad appears across formulations, manufacturers, and imaging conditions.

Once again, we're not seeing random residue.
We're seeing intention.

Vesicles become rods.

Rods become crystals.

Crystals become complex.

Programming confirmed.

Thank you to all my subscribers. I am grateful for support in whatever form it comes.

I hope your weekend goes well.

—David

PS: Zang *et al.* (2025), *Nature Communications*: <https://doi.org/10.1038/s41467-025-58959-0>



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Nina May 31

♥ Liked by David Nixon

This is scary stuff 😬 I have a broken tooth that needs fixing but holding off because I don't want this stuff in my body!

Which dental anaesthetic is this for?

Or is it all of them?

Sorry for not being able to support you with a donation. Things are quite tough for myself!

I believe that they jabbed me when I had a surgery right at the beginning of the pandemic? Never been so sick for over two years and still not quite right!

I have seen a document giving the surgeons permission to vaccinate people here under anaesthesia! I tried so hard to avoid it at all cost and didn't wear masks!

All I can do is try to detox but limited funds!

Just criminal is what it is and I can't get the doctor to do the right blood tests to see if I was vaccinated without my consent and told them before the surgery that I didn't consent 😞

Had all the symptoms, heart attack, small stroke, bad case shingles, my hair falling out and couldn't breathe or hardly walk. Still struggling!

Anyway I would be very grateful 🙏 for any information about the dental anaesthetic and they use a lot of nanotechnology in dentistry! Sad 😞

TIA

Nina

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35 replies by David Nixon and others



koppykat May 31

What a superb documentation, and capture of nefarious activities on display, proving that if you study meticulously...that which is before you, stealthily under way....are sure to nail it's

purpose and design each time it comes out to play.

Well done David, Will, Seth

♥ LIKE (13) 💬 REPLY

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1 reply by David Nixon

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