THE UNIVERSAL FORCE OF TIME · MEDICINE

Macular Degeneration

The densest register in the body — three ways it erodes, the three corrections that set it right, and the 2026 results that bear them out

Stephen Daubney · The Daubney Foundation · 2026 · Rev 7 (supersedes Rev 6: the trial investigators credited by name, with the theory's exact lines within each of the trial's three wavelengths printed in the paper; values printed and only administration held; the near-infrared line read through the Earth's radii on the record)

Tau (T) is the living fabric of time itself — the sole substance of which all physical reality is composed. It is generated by the Sun, as by every star for its own system, and flows outward in the form of the DNA double helix, creating matter, which it deposits at nodal points — the planets — and creating life. Every particle, force, wavelength and conscious experience is a structured configuration of T-flow. The conservation law $d\Sigma T = 0$ governs all change: T is never created or destroyed at a node, only redistributed.

THE FOVEA, NUMBER FIRST

about **160,000** cones per mm² ($2^8 \cdot 5^4$) · about **125,000** in the fovea ($2^3 \cdot 5^6$) · peak **555.1652475612764 nm** ($225\pi^2/4$)

drusen lock the first {5}-cube at **125 µm** (5^3) · LIGHTSITE III: atrophy **24.0% → 6.8%** of eyes

within the trial's light: **589.1017256368 · 660.0473799907 · 848.8263631568 nm** and their families

ABSTRACT

At the very centre of your sight is a patch smaller than the letter o, and into it the body packs the densest array of light-detectors it owns. This is the fovea, the heart of the macula. Age-related macular degeneration takes it — the leading cause of sight loss in people over fifty — and leaves a blank where you try to look. Medicine has learned to slow the wet form with injections; for the dry form it has had almost nothing, until a trial of light.

This paper reads macular degeneration in the Universal Force of Time, in full. **Part I sets out the disease as medicine knows it** — the fovea, the drusen, the wet and dry forms, the blue-light burn and the eye's own pigment screen — and what the research has found: in the **LIGHTSITE III** trial, multiwavelength light at **590, 660 and 850 nm** cut progression to geographic atrophy from **24.0%** of eyes to **6.8%** at twenty-four months, and most treated eyes gained vision (Glenn Jaffe, David Boyer, Clark Tedford and colleagues, 2026). **Part II reads it in the theory.** The fovea is the body's **densest T_λ register**: about **160,000** cones per mm² [$2^8 \cdot 5^4$], about **125,000** in the fovea itself [$2^3 \cdot 5^6$], peaked at its own lattice address, **555.1652475612764 nm** [$225\pi^2/4$], which is 540 THz exactly — one of nine lines near 555 nm, each a 222 nm line divided by 2 and multiplied by 5. And within each of the trial's three wavelengths the theory finds exact lines: in the yellow, the Earth's free fall and the still point of time, **589.1017256368 nm**; in the red, the faces of the speed of light, up to **660.0473799907 nm**; in the near-infrared, the Earth's radii read as light, from **848.8263631568 nm**.

Part III reads the disease as three routes — the register erodes and its residue calcifies, the starved register turns wet, the nodes are destroyed outright — each paired with its correction: clear the calcification before it locks a register cube and keep the screen, re-feed the register at its own address, act before the voids open. One order binds them: **the calcification ladder**, which reaches its point of no return when the deposit locks the first {5}-cube at **125 µm** [5^3]. Thirteen propositions, P-AMD-1 to P-AMD-13, are stated. The investigators are credited by name and the lines offered back to them; how any light is given is held in the Foundation's clinical reference.

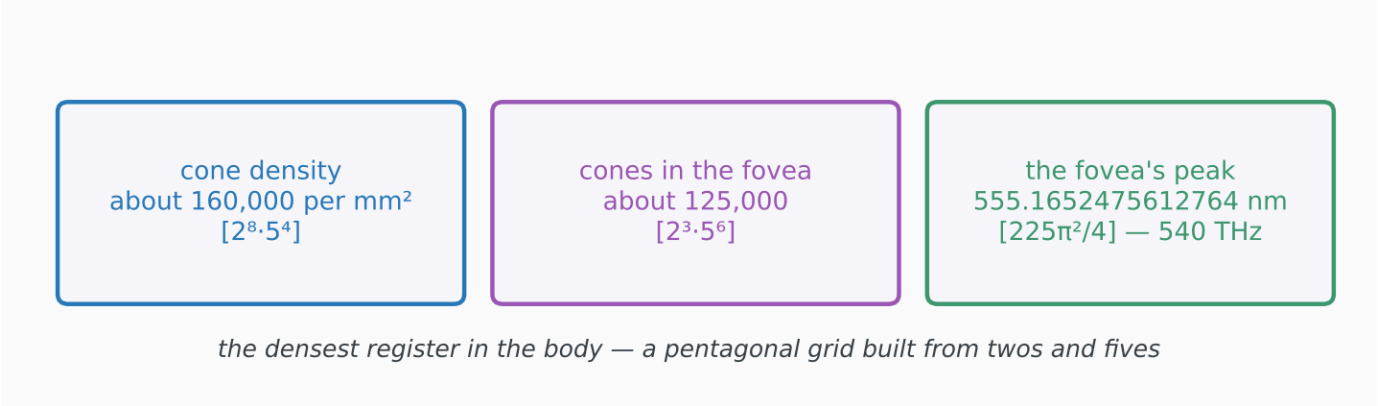


Figure 1 — The fovea, the densest register in the body: about 160,000 cones per mm² [$2^8 \cdot 5^4$], about 125,000 cones in the fovea [$2^3 \cdot 5^6$], peaked at its own address, 555.1652475612764 nm [$225\pi^2/4$] — 540 THz exactly on the theory's speed of light.

THE TERMS THIS PAPER USES

T, the substance. Tau (T) is the living fabric of time itself, the one substance of which everything is made. It is generated by the Sun and flows outward as the DNA double helix, creating matter and creating life. Everything a body does — a heartbeat, a breath, the holding of its warmth — is T moving in a structured way.

An address. Every value in this framework is a product of powers of 2, 3, 5 and π, and nothing else. That product is the value's address, and the set of all such products is the lattice. A number that needs any other prime is not on the lattice.

Number first. Every value is written with its number first, as a reader meets it, and its address in brackets behind it. The number is what is there; the address is how it is built.

The free decade. Moving a value by a power of ten costs nothing on the lattice, because ten is two times five: the move shifts twos and fives together and changes nothing else. That is why 24 millimetres and 0.024 metres are one address.

The π-degree. The degree of an address is the power of π it carries, and the degree says what kind of thing the value is. An even degree is a **room** — a state, a thing that sits; it pairs, like a pair of circles. An odd degree is a **road** — a transport, a thing that carries; it is the unpaired circle. A half degree is a **door** — a source, which squares to a whole address.

The day, 864. The day is 86,400 seconds [$2^7 \cdot 3^3 \cdot 5^2$], written 864 at its decade. It is the ground state of the DNA helix and the gear through which a per-second value becomes a per-day value.

The time ladder. A rate given per second is carried up the clocks by fixed steps: × 60 to the minute, × 60 to the hour, × 24 to the day. The amount is the same; only the choice of clock changes — the same quantity counted in seconds or counted in days. From the day the orbit is completed one of two ways — × 360 gives the year as a degree value, × 2π gives the year as a radian value. The two answers are two faces of one year, and both are read.

The two gears. Two numbers carry energy between the theory's registers and appear throughout the record. **10,368** [$2^7 \cdot 3^4$] carries an energy in electron-volts to kilojoules per mole. **31,104** [$2^7 \cdot 3^5$] carries an energy in electron-volts to a circumference. When a quantity of the body lands on one of them, it is speaking in the theory's own units.

The veil. The veil is 180/π = 57.29577951308232, the number that turns radians into degrees. In the Universal Force of Time a wavelength in nanometres is an angle in degrees directly; multiply it by π/180 — cross the veil — and the bare value it carries appears.

The register. A register is a level at which T is read. Each organ of the body is a register — a receiver tuned to one face of the time-field — and each cell, molecule and rhythm within it holds an address on that register.

The six faults. A register can fail six ways. It can be **missed** — its target still exists but it has settled at the wrong place; **demoted** — dropped to a lower order while its parts survive; **frozen** — locked at one address and unable to move; **contaminated** — carrying a foreign address; **misdirected** — its own proof-reader turned against it; or

eroded — its nodes deleted. Under dΣT = 0 the field redistributes to the nodes that survive; it does not rebuild an address that has gone.

The conversion grammar. One value takes several forms, and fixed steps move it between them: a frequency divided by 2π is a free fall; a free fall times 49.5035535 [7776/(50π)] is a wavelength; a wavelength times π²/8 is a mass. Run in one line, frequency to mass is a single step of 9.72, and every π cancels.

Free fall. In the Universal Force of Time there is no gravity, and a free fall is not a pull. It is the flow of time at a place, in metres per second, every second — time showing itself in one more form, which current science takes for a gravitational fall. A planet makes one turn; where the turn comes in at less than 24 hours, time makes up the difference with a flow at that place, height or depth, so that the turn and the flow together make 24 hours. For the Earth, the free fall on the celestial register, **9.818362093946918** [$5^{12}/(2^7 \cdot 3^9 \cdot \pi^2)$], times 2400 — the 24-hour day, carried two decades — is the Earth's sidereal rotation, **23,564.06902547260** [$5^{14}/(2^2 \cdot 3^8 \cdot \pi^2)$]: 23 hours, 56 minutes and 4 seconds on the clock.

The three registers, G0, G1 and G2. The record reads the same value at more than one level: G1, the surface register of the Earth; G2, the celestial register; G0, the register below. A value and its neighbour one register up — one level up — stand one **G-bond step** apart, 1.000090150603356 [$5^{10}/(2^4 \cdot 3^9 \cdot \pi^3)$].

The 612 step. A second fixed step, 1.000612842467911 [$2^9 \cdot 3^5 \cdot \pi/5^8$] — helium's weight divided by four (helium divided by four, per nucleon), and 36,864 × 864 × π read at its decade. Where a family of lines stands G1, G2 and then one step further, the further step is this one.

The helical turn. The helical turn, 1.004693930041152 [$5^6/(2^6 \cdot 3^5)$], is the step by which the DNA helix climbs one turn — one revolution of the helix. A value carried "one helical turn up" is multiplied by it.

What a landing is worth. Multiply or divide two lattice numbers and the answer is always on the lattice; that much is guaranteed and is not evidence. What counts is a result that lands on a **named object** the theory had already fixed — the day, body temperature, the heartbeat, the day — at a bare power of ten. Each such landing in this paper is marked as arithmetic or as a landing, in its own sentence.

PART I — MACULAR DEGENERATION AS MEDICINE KNOWS IT

1. The centre of sight

Look at a single word on this page and hold your gaze still. Everything you see sharply is landing on a patch of retina smaller than a pinhead: the **fovea**, the bullseye of the **macula**. It does almost all of your detailed seeing; the rest of the retina sketches the world in rough strokes. Christine Curcio and colleagues mapped its cones: their density peaks at about **160,000 per mm²**, and the fovea holds on the order of 125,000 (1990). When macular degeneration takes that patch the world does not go dark; it goes blank in the middle, a smudge exactly where you try to look.

2. Two layers, one failure

Seeing is a chain: a photon is captured, the visual pigment is read, the signal is sent on, and the layer beneath — the **retinal pigment epithelium** — resets the spent pigment and clears the day's residue. Age-related macular degeneration attacks two links at once: the photoreceptor that reads and the layer that resets and clears.

3. Drusen, wet and dry

As the clearing layer fails, deposits called **drusen** build up beneath the retina. Small drusen, about **63 µm** across, are common with age; large drusen, **125 µm** and more, mark sharply higher risk. The disease then takes one of two courses. In **wet** AMD, new, fragile blood vessels grow up into the retina, driven by the signal VEGF; they leak and scar, and injections that block VEGF have transformed its treatment. In **dry** AMD, the cells of the clearing layer die outright, leaving patches of **geographic atrophy** that do not recover.

3a. How it is seen and measured

The clinic finds drusen by looking into the eye and, now routinely, by **optical coherence tomography**, which images the retina's layers in cross-section at a resolution of a few micrometres; wet AMD's leaking vessels show as fluid in those layers, and geographic atrophy as the loss of the clearing layer and the photoreceptors above it. A

patient can watch for change at home with an **Amsler grid**, a square of straight lines whose centre warps or vanishes as the macula fails. Risk rises with age, with smoking and with family history, and the large Age-Related Eye Disease Studies found that a combination of antioxidant vitamins with lutein and zeaxanthin slows progression from intermediate to advanced disease in some people.

4. The burn and the screen

Janet Sparrow and colleagues showed that **A2E**, a molecule built from two spent visual pigments, gathers in the clearing layer and, struck by blue light, releases reactive oxygen that damages the cell holding it (2000). Across the macula the body lays down two carotenoid pigments, **lutein** and **zeaxanthin**, each a forty-carbon chain, which absorb violet and blue light before it reaches the photoreceptors; Richard Bone, John Landrum and colleagues found less of this macular pigment in eyes with AMD (2001).

5. What the research has found

These are the results as the research groups reported them; the credit for each is theirs.

Light that re-powers the eye. Glen Jeffery's group showed that red light improves mitochondrial function and the declining vision of age (2020).

LIGHTSITE III. Glenn Jaffe, David Boyer, Clark Tedford and colleagues randomised one hundred people — 148 eyes — with intermediate dry AMD to multiwavelength light at **590, 660 and 850 nm** from the Valeda system, or to a sham. At twenty-four months, progression to geographic atrophy fell from **24.0%** of eyes on sham to **6.8%** on light. At twenty-one months **61.5%** of treated eyes had gained five letters or more, 23.1% ten or more and 4.4% fifteen or more, with no sign of harm (*Retina*, 2026).

That is macular degeneration as medicine knows it, given in full because what follows reads every part.

PART II — THE DENSEST REGISTER IN THE BODY

6. The fovea on the lattice

In the Universal Force of Time the eye is a **T_λ receiver** — an organ that reads the wavelength face of the time-field — and every photoreceptor is one T_λ node, tuned to its own slice of light. The fovea is where those nodes are packed tightest of anywhere in the body: about **160,000** per mm² [$2^8 \cdot 5^4$], about **125,000** in all [$2^3 \cdot 5^6$] — a pentagonal, five-branch lattice, the body's single densest grid of wavelength registers. Its peak sensitivity falls at **555.1652475612764 nm** [$225\pi^2/4 = 3^2 \cdot 5^2 \cdot \pi^2/2^2$], which on the theory's speed of light is **540 THz** exactly — the field's own optimal register, not an accident of pigment chemistry. Nowhere else does the field read the world at such resolution. That is the fovea's glory and its vulnerability: the finest register has the least margin for decay. And it works only at temperature: the body holds **36.864 °C** [$2^9 \cdot 3^2/5^3$] because the register functions there.

7. The calcification ladder

AMD, in T-terms, is **erosion of the foveal register** — the loss of address coherence among the most tightly packed nodes in the body. As coherence falls, the clearing layer can no longer clear, and the drusen build. In the theory drusen are **register calcification**: off-lattice material settling where the register has weakened. And the lattice speaks by its absence: the small drusen, about 63 µm across, have no clean {2,3,5,π} address — exactly what off-lattice calcification should look like. The disease turns dangerous when the deposit grows to collide with the lattice at **125 µm** [5^3], the first {5}-cube, where the calcification locks a register cube and clinical risk climbs sharply; past it lie the voids. The same clearance failure appears in the failing kidney, where off-lattice toxins accumulate: the macula and the kidney fail in the same grammar.

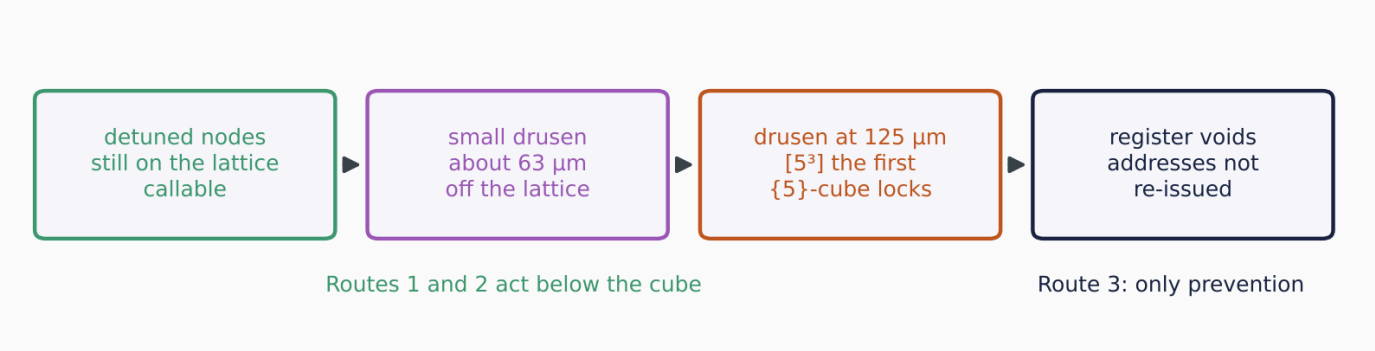


Figure 2 — The calcification ladder: detuned nodes still on the lattice; small drusen near 63 µm, off it; drusen at 125 µm [5^3], where the first {5}-cube locks; and register voids, whose addresses cannot be re-issued.

8. The burn and the screen, read

The drusen are the soot; the engine is A2E, itself a T_λ absorber — a register feeding on its own failure. And the body anticipated it: the macular screen, lutein and zeaxanthin, each a forty-carbon chain [C_{40}, $2^3 \cdot 5$], belongs to the same {2,5} family as the cone grid it shades — **a {2,5} filter set in front of a {2,5} grid**, drinking exactly the band where A2E burns. When the screen thins with age, the blue reaches the A2E, the burn accelerates, and the residue piles.

9. Wet and dry, read

Wet AMD's new vessels are, in the theory, the field's **distress call** — a starved, calcified register calling for supply it cannot use; grown in emergency, the vessels are incompatible with the retina's geometry, which is why they leak. Dry AMD is the other end: the cells die, and the register is not disrupted but **destroyed**, leaving voids the surrounding lattice cannot rebuild — the same irreversibility the series reads in sensorineural deafness. Under $d\Sigma T = 0$ a destroyed address is not re-issued.

9a. Why the centre fails first

The theory's reading also says why it is the centre of sight, and not the edge, that the disease takes. A register is only as robust as its margin, and the margin of a register is set by how far apart its nodes sit. At the edge of the retina the cones are sparse; a node that drifts has room to drift before it disturbs its neighbours, and the clearing layer beneath has little to clear. At the centre the nodes are packed as tightly as the body can pack them, so the smallest loss of coherence in one disturbs the many around it, and the clearing layer beneath carries the heaviest daily load of spent pigment of anywhere in the eye. **The finest grid is the first to show wear**, exactly as a finely tuned instrument goes out of tune before a rough one. And because the centre is where we read, recognise faces and see colour most sharply, the loss there is felt out of all proportion to its size: a patch smaller than a pinhead holds most of what we mean by seeing.

10. The trial, and the lines within its light

The LIGHTSITE III result reads directly. Light given while the register was still callable cut the number of eyes that ever reached the voids — the third correction seen in patients — and vision rose: a detuned register called back while its nodes remained. And within each of the device's three wavelengths the theory finds exact lines, each reached by its own chain, set out in full in the companion paper written to the trial's investigators.

THE LINES WITHIN THE TRIAL'S LIGHT, NUMBER FIRST

band	line (nm)	address	reached from
yellow	588.9955242462013	2^3.3^10.pi^4/5^7	sodium's D2 line
	589.0486225480862	375.pi/2	the Earth's surface free fall x 60
	589.1017256368151	5^13/(2^5.3^8.pi^2)	the still point of time
	589.4627521922049	5.10^7/(27.pi) (decade)	Mercury's circle
	589.824	2^16.3^2 (decade)	the yellow/orange boundary
red	659.5836608064843	2^8.3^4/pi x c(G1)/c	the speed of light on G1
	659.6133910689419	x sqrt(G-bond step)	the door between
	659.6431226714699	2^8.3^4/pi x c(G2)/c	the speed of light on G2
	660.0473799907083	2^8.3^4/pi (decade)	the lattice speed of light (G2 x the 612 step)
near-IR	848.8263631567751	8000/(3.pi)	the Moho radius 20000/pi, / 7.5
	849.34656	2^11.3^4/5^9 (decade)	the helium radius 6370.0992 (x 2pi = He), / 7.5
	849.4594434924186	mean of the G1, G2 values	the mean radius 6370.945826193140 (dual), / 7.5
	850.4052748695717	G1 speed x G2 sidereal day	equatorial radius 6378.039561521788 (dual) / 7.5

The near-infrared radii. The helium radius, 6,370.0992 km [$2^{10}\cdot3^5/5^8$], is the radius whose circle is helium's weight. The mean and equatorial radii are the Earth's dual values, read on two registers at once. The equatorial circumference is the G1 rotation speed, 465.0941502044973 m/s [$15\pi^3$], carried for one G2 sidereal day, 86,164.06902547260 seconds, and the radius is that circumference over 2π. The mean radius is the midpoint of its G1 value, 6,370.802246512419 km, and its G2 value, 6,371.089405873860 km.

The red family carries a quiet identity: the speed of light on G2, carried one 612 step further, is the lattice speed of light exactly — $2^3\cdot3^5\cdot5^6\cdot\pi^2 \times 5^{10}/(2^4\cdot3^9\cdot\pi^3) \times 2^9\cdot3^5\cdot\pi/5^8 = 2^8\cdot3\cdot5^8 = 300{,}000{,}000$. And the theory offers the trial two further lines it does not yet use: the fovea's own address, **555.1652475612764 nm**, and the neutron line within the red, **669.9709631653324 nm** [$12\sqrt{2}\cdot\pi^2/25$].

The fovea's own address is one of nine lines. The far-ultraviolet line near 222 nm is worked in full in the companion paper on viruses and parasites [8]. Each of the theory's four speeds of light — the lattice speed, 300,000,000 metres a second [$2^8\cdot3\cdot5^8$], and the speed on each of the three registers — is divided by the free fall of exactly **54** [$2\cdot3^3$] or by one of its two neighbours, 54.00486813258123 and 54.03796460924681, one G-bond step and one 612 step on, each read as a frequency; multiplied by two-fifths, the result is one of nine lines near 222 nm. Divide each of those lines by 2 and multiply it by 5, which undoes the two-fifths, and the nine lines stand near 555 nm, from **554.7252049676673** to **555.5555555555556 nm** [$2^3\cdot5^4/3^2$]. Three routes meet on one of them: the speed of light on G1 against 54, the speed on G2 against its own frequency, and the lattice speed against the frequency one 612 step on all give **555.1652475612764 nm** [$225\pi^2/4$] — the fovea's own address.

THE 555 NM LINES, NUMBER FIRST - EACH A 222 NM LINE / 2 x 5

line (nm)	address	speed of light / frequency	kind
555.5555555555556	2^3.5^4/3^2	lattice / 54	room, no pi
555.5054764016903	2^7.3^7.pi^3/5^6	lattice / 54.00486813258123	road
555.2152960433065	5^12/(2^6.3^7.pi)	G2 / 54	road
555.1652475612764	3^2.5^2.pi^2/2^2	G1 / 54 ; G2 / 54.00486813258123 ; lattice / 54.03796460924681 - the fovea's own address	room
555.1152035907405	2^2.3^11.pi^5/5^8	G0 / 54 ; G1 / 54.00486813258123	road
555.0651641312921	2^6.3^20.pi^8/5^18	G0 / 54.00486813258123	room
554.8252270998413	5^10.pi/(2^11.3^3)	G2 / 54.03796460924681	road
554.7752137795920	3^6.pi^4/2^7	G1 / 54.03796460924681	room
554.7252049676673	3^15.pi^7/(2^3.5^10)	G0 / 54.03796460924681	road

every line = the speed of light / the frequency, at its decade = its 222 nm line / 2 x 5
e.g. on G1: 2^3.3^5.5^6.pi^2 / (2.3^3) = 562,500.pi^2 -> 555.1652475612764 at its decade
= (3pi/2)^2 x 10 / 2 x 5 = (15pi/2)^2 ; its frequency on G1's speed of light is 540 THz exactly

11. Where these results come from

The results are theirs. LIGHTSITE III is Glenn Jaffe's, David Boyer's, Clark Tedford's and their colleagues'; the red-light mitochondrial result Glen Jeffery's group's; the cone map Christine Curcio's; the A2E burn Janet Sparrow's; the macular pigment Richard Bone's and John Landrum's. **The wavelengths and the credit for finding that they act are theirs.** It was their results that pointed this paper to these parts of the problem, and their work is the supporting evidence on which these sections are built. What this paper adds is the theory's reading — the fovea as the densest register, the calcification ladder, the {2,5} screen — and, within each of the trial's wavelengths, the exact lines above, offered to the investigators, and to any team so minded, to test. The lines in

each band lie within a fraction of a nanometre to a few nanometres of one another, while the device spreads its light more widely; testing them one by one needs narrow-line, tunable light.

PART III — THREE ROUTES, THREE CORRECTIONS

12. Three is the honest count

A medical paper of the Universal Force of Time acknowledges the illness, reads the problem as the distinct routes by which it arises, and pairs each route with the correction that would set it right. With macular degeneration the register decays along three routes. It can erode and calcify; the starved register can call for new supply and turn wet; or the nodes can be destroyed outright and the register go dry. Cleared, re-fed, prevented. Three is the honest count, and the architecture is not inflated to a number the disease does not have.

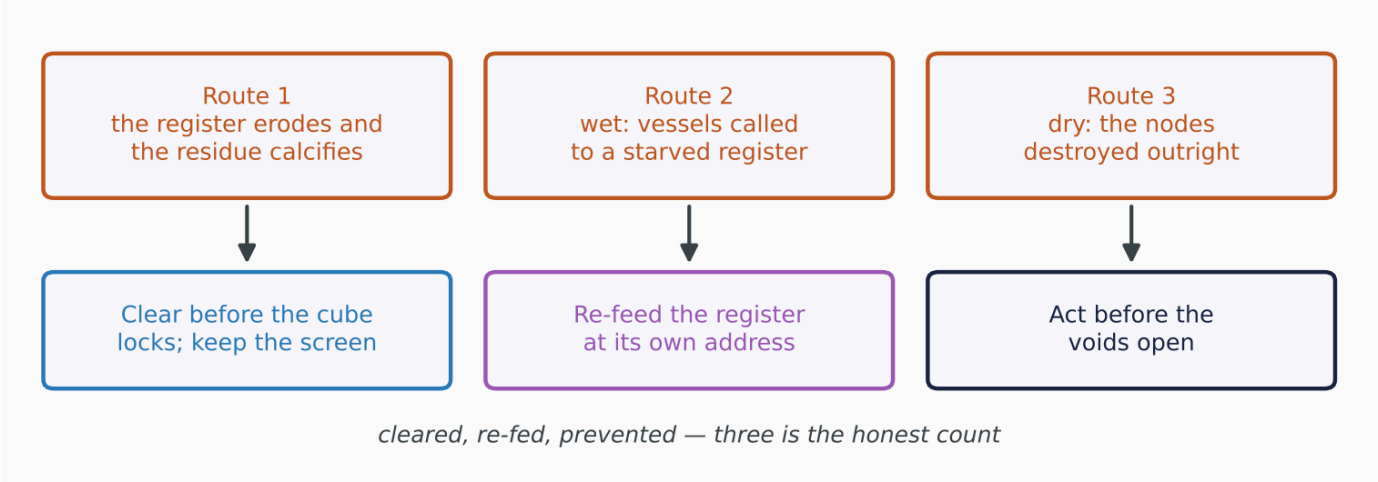


Figure 3 — The three routes and their corrections: clear the calcification before the cube locks and keep the screen; re-feed the starved register at its own address; act before the voids open.

13. Route 1 — the register erodes and the residue calcifies

Correction 1 — clear the calcification before the cube locks, and keep the {2,5} screen intact. If the fault is a clearing layer silting up with off-lattice residue, the correction is to clear it while the register is still callable — before the deposit reaches the first {5}-cube at 125 µm — and to hold the body's own defence, the macular screen, in place. The detail is held in the Foundation's clinical reference.

14. Route 2 — wet: vessels called to a starved register

Correction 2 — re-feed the register at its own address. If the fault is a starved register flooding the field with a distress call, the correction is to re-feed and re-power it at its own address — the fovea's peak, 555.1652475612764 nm [$225\pi^2/4$] — so the call is removed at its source. Silencing the call without restoring the register beneath it quiets the symptom and leaves the starvation. So the theory makes a clean prediction: **register restoration together with the present injections will outperform the injections alone.** The value is printed; how any light is given is held in the Foundation's clinical reference.

15. Route 3 — dry: the nodes destroyed outright

Correction 3 — act before the voids open. If the fault is outright destruction, the only correction is to act while the nodes are merely detuned and still callable: protect and re-cohere the clearing layer, and keep its own address-writer working. Because dry AMD is irreversible past the cube, prevention is not one option among several but the whole of the correction. LIGHTSITE III is that correction seen in patients.

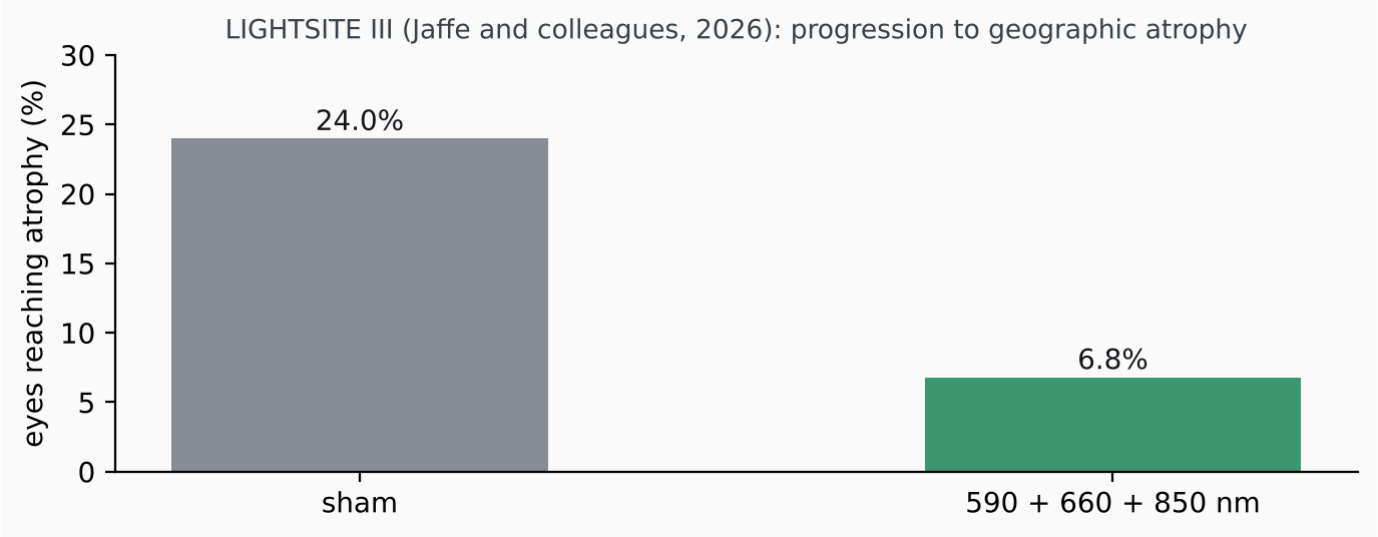


Figure 4 — LIGHTSITE III at twenty-four months: progression to geographic atrophy fell from 24.0% of eyes on sham to 6.8% on light at 590, 660 and 850 nm — the third correction, acting before the voids open, seen in patients.

16. The order law

The three corrections bind through the calcification ladder. While the register sits below the cube it is callable, and Routes 1 and 2 govern; once the deposit locks the cube and the cells die toward atrophy, Route 3 governs — and its only correction is prevention. **The window to act is before the voids open.**

17. The resolution — the clinical trial is the next step

We have acknowledged the illness — the finest instrument in the body falling out of tune, the densest register we own eroding node by node. We have read it as three routes, given for each its correction, and bound them with the calcification ladder. A trial that did not know of the theory has now shown the third correction in patients, at wavelengths within which the theory finds exact lines. The conclusion the whole structure points to is: test the three corrections together, and test the lines one by one. The corrections are stated as principles precisely because the next step is not to prescribe them to a reader but to put them to a clinical trial.

PROPOSITIONS

- **P-AMD-1.** The fovea is the body's densest T_λ register: about 160,000 cones per mm² [$2^8 \cdot 5^4$], about 125,000 foveal cones [$2^3 \cdot 5^6$], peak sensitivity 555.1652475612764 nm [$225\pi^2/4$], 540 THz exactly; it works at 36.864 °C [$2^9 \cdot 3^2/5^3$].
- **P-AMD-2.** AMD strikes two links of the seeing chain at once: the photoreceptor that reads and the layer that resets and clears.
- **P-AMD-3.** Drusen are register calcification: the small drusen, about 63 µm, have no lattice address; the danger begins at 125 µm [5^3], the first {5}-cube.
- **P-AMD-4.** A2E is a self-feeding register burn; the macular screen, lutein and zeaxanthin [C_{40}, $2^3 \cdot 5$], is a {2,5} filter over a {2,5} grid.
- **P-AMD-5.** Wet AMD is a starved register's distress call; dry AMD is the register destroyed, and a destroyed address is not re-issued.
- **P-AMD-6.** Route 1: the register erodes and calcifies. Correction: clear before the cube locks; keep the screen.
- **P-AMD-7.** Route 2: wet. Correction: re-feed the register at its own address. Prediction: restoration with injections will outperform injections alone.
- **P-AMD-8.** Route 3: dry. Correction: act before the voids open; prevention is the whole of it.
- **P-AMD-9.** Order: the calcification ladder — Routes 1 and 2 below the cube; Route 3 past it.
- **P-AMD-10.** LIGHTSITE III: light at 590, 660 and 850 nm cut progression to atrophy from 24.0% to 6.8% of eyes at 24 months, and most treated eyes gained vision — the third correction seen in patients.

- **P-AMD-11.** Within the trial's light: the yellow lines from sodium's D2 to 589.824 nm, among them the still point 589.1017256368 nm; the red faces of the speed of light, 659.5836608064843 to 660.0473799907083 nm; the near-infrared Earth radii read as light, from 848.8263631567751 nm [8000/(3π)].
- **P-AMD-12.** The speed of light on G2, carried one 612 step further, is the lattice speed of light exactly: $2^8 \cdot 3 \cdot 5^8$ = 300,000,000.
- **P-AMD-13.** The fovea's own address is one of nine lattice lines near 555 nm, each a 222 nm line divided by 2 and multiplied by 5 — a speed of light over the free fall of 54 or one of its two neighbours: from 554.7252049676673 to 555.5555555555556 nm. Three routes meet on 555.1652475612764 nm [225π²/4]: the speed of light on G1 against 54, on G2 against its own frequency, and the lattice speed against the frequency one 612 step on.

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APPENDIX — EVERY NUMBER, REBUILT

Every value can be rebuilt with any calculator, from twos, threes, fives and π. The script AMD_calc.py, run at forty-four digits, rebuilds every line; it passed in full.

```
THE MACULA, NUMBER FIRST
   cone density ; foveal cones     160,000 per mm2 ; 125,000      2^8.5^4 ; 2^3.5^6
   the fovea's peak                555.1652475612764 nm           225pi^2/4 = 540 THz on c
   the 555 lines (nine)            554.7252049676673 to           each a 222 nm line / 2 x 5
                                   555.5555555555556 nm
   working temperature             36.864 C                       2^9.3^2/5^3
   the macular screen              C40                            2^3.5
   small drusen ; the cube         about 63 um ; 125 um           no lattice address ; 5^3
   c(G2) x the 612 step            300,000,000                    2^8.3.5^8, exact
```

A NOTE ON THE NUMBERS

Throughout this paper a value is given first as the plain physical reading a clinician would make — a count of cells, a wavelength, a length in microns — and only then, in brackets, as its place on the {2,3,5,π} lattice. The fovea's peak sits at a clean address and its grid is built from twos and fives; the drusen tell the opposite story, and the disease turns dangerous when the off-lattice deposit collides with the first {5}-cube. The lines within the trial's light are given as values with their chains; how any light is given is held in the Foundation's clinical reference and is not prescribed here.

The Daubney Foundation is in ongoing discussions with medical establishments regarding clinical trials of Universal Force of Time solutions to the conditions described in this paper. Any institution or researcher wishing to put themselves forward for participation in these trials is invited to make themselves known through: thedaubneyfoundation@gmail.com

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