40 YEARS

Sedatelec®

YOUR WAY OF CARE,
OUR QUALITY DEVICES

Your partner
in complementary medicine

Let’s relive 40 years of history together 1978 – 2018

For more than 40 years,
Sedatelec has stood for Auriculotherapy.

The first electronic devices were created by a small team at SEDAT working with the company Vettiner to meet the needs of Doctor Paul Nogier, with the tooling for moulding the plastic components made at SEDAT.

Following the sale of SEDAT to Van Leer Medical, SEDATELEC was created on January 1st, 1978. Since then both are referred to as "SEDATELEC", which stands for "Société d'Etudes et D'Application Techniques ELECtroniques" (Company for Studying and Applying Electronic Techniques).

SEDATELEC's strength lies in having the unique capability of combining cutting-edge technology and design with Doctor Nogier's - and, later, other doctors' - very wide range of needs.
It's this combination that has enabled SEDATELEC to constantly adapt to changes in standards and usage since 1978.

With 40 years of experience, SEDATELEC is constantly looking towards the future and anticipating coming challenges. Our goal is to serve each person's health needs by providing innovative and high-quality technological solutions to help in the development of complementary medicine.

In these pages, you can find the highlights of our history, and I hope you will join us in writing SEDATELEC's future.

Thierry GARABOUX

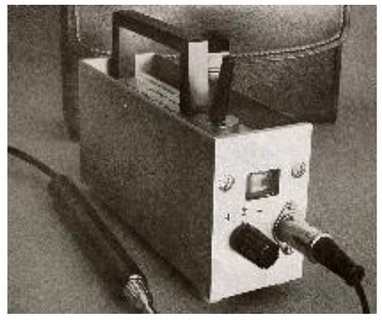
Without Paul Nogier, Auriculotherapy would never have existed, and neither would SEDATELEC!
Paul Nogier had been working on this new medicine for over 10 years when he turned to SEDAT, a company that was already well-established and had ties with the Nogier family, so that together they could develop the materials auriculotherapy needed. He designed the ASP Z, following a request from an American acupuncturist Dr. Franck Z. Warren (hence the letter Z), who regularly placed surgical staples in the ear.

With Pierre Frezza and Gérard Clément for the technical side of things, Anie Boissy for purchasing, Edia Renzi and Martine Ribes for sales, the first products were released.

1970's

Punctoscope (1970 – 1981)

1st point finder using differential measurement of electrical impedance. Low-impedance points are classed as "needing tonifying"; high-impedance points as "to be sedated".



Thérapuncteur P (1970 – 1978)

Complementary to the Punctoscope, this device was used to stimulate points or zones using a micro-current (3 different treatment possibilities: +, +/-, -).

ASP type Z (1974 – 1982)

1st semi-permanent needle injector with the filing of associated patents, of course.
Fully hand-assembled until 1980.

Research and innovation ran forward at full throttle. The foundations for all of the technical solutions were laid. Numerous patents protecting all of these innovations were filed, mainly in France, Germany and Spain.

Nothing was forgotten, whether it was for the electrical detection of the points using the Punctoscope, the first point finder, or the 7-Nogier frequency generator with the "GIR 56", the "EMS Therapuncteur" for "conducting genuine clinical diagnoses" as the flyers at the time said, the Therapuncteur EMS 20, that automatically scrolled through the frequencies, which could be adjusted by ± 20%, while exploring different stimulation possibilities: light, electricity or magnetism!

1970's

GIR 56 (1976 – 1995)

1st Nogier frequency generator with pulsed infra-red light.

Thérapuncteur EMS (1978 – 1985)

Projects a light point at one of the 7 Nogier frequencies to enable diagnosis via the VAS, then provides electric or magnetic stimulation with different hand pieces.

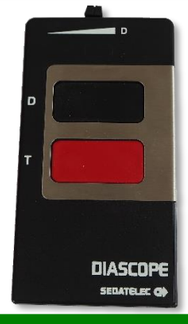
1978, creation of Sedatelec, a Société Anonyme (Public Limited Company) with a board of directors and supervisory board. Mr. Jean Benoit, former CEO of Sedat, was the first director, very quickly replaced by Mr. Pierre De Nomazy, who set up the structure and main retailers in France, Belgium, Germany, Austria, Spain, Canada and the USA. At this time, the Company was characterised by impressive creativity under the guidance of Pierre Frezza.

The first pulsed As/Ga diode lasers appeared in the Sedatelec catalogue, with the Theralaser.

1978

Théralaser (1978-1990)

1st As/Ga 904 nm diode laser, 2W peak power, and less than 2 mW of average power.
The 7 Nogier frequencies between 73 Hz and 4672 Hz.



Diascope (1979 – 1998)

The differential sonic point finder of low-impedance points, equipped with a white sensor for auriculotherapy and a black sensor for acupuncture.

Punctoscope DT (1979 - 1981)

Diascope point finder with high-impedance detection, created for the German school. Direct-current detection at an intensity of 3 µA, stimulation with a set frequency at 1.14 Hz.

The Pulpelec and Theramagnetic were added to the range of developed products.

The devices are constantly enhanced with developing technology and design.

In 1980, Jean NOGIER was named chairman of the board; the other members of the board were Pierre Genevois and Gérard Clément.

In order to become fully independent, SEDATELEC leaves the premises of SEDAT and sets up in the Brotteaux industrial area of Irigny.

1980’s

Odontélec (1979 – 1988)

Device designed for Professor LIMOGES who discovered that by associating high frequency currents with low frequency currents, they obtained electrical analgesia.

Théramagnetic (1980 – 1998)

Magnetic field generator, incorporating the foundations of the TM and TM3, applied to the entire ear, with a balancing effect on the nervous system, for all reflex therapies.

GIR30 (1981 – 2018)

The reference for VAS detection with its red, infrared or white light, and the selection of the Nogier frequencies and their variations ±30%. The tool for auriculomedicine.

The ASP product is revamped so that it can be industrialised, as the type-Z requires manual assembly. First, with the purchase of the ASP1 semi-manual assembly machine, in 1980, and then with the addition of the automatic assembly machine, ASP2, in 1982. The type-2 ASP is born.

In 1981, SEDATELEC became aware of the need to sell directly to the customer, and decided to participate in the opening of the VAS shop in Lyon, 5 quai Perrache, with VAS standing for Vente d'Appareils Scientifiques (Sale of Scientific Equipment).

1980's

ASP (1982 - today)

The ASP semi-permanent needle, famous for its click, symbol of its high quality.
Packaged in sets of 8, 80 or 200 needles.

Analgelec (1982 – 1993)

It is an electrical stimulator. The Anagelec obstetrical version was used especially for painless childbirth.

1981, the company Eutermatique was created. Its flagship product was the Euterlab, an instrument for learning music that had been designed for "reading music, like what a language lab is to foreign language acquisition" (L'Activité Econ, Lyon CCI, March 1987).

1983, the company moved to its current premises, Chemin des Mûriers, especially designed for Sedatelec.

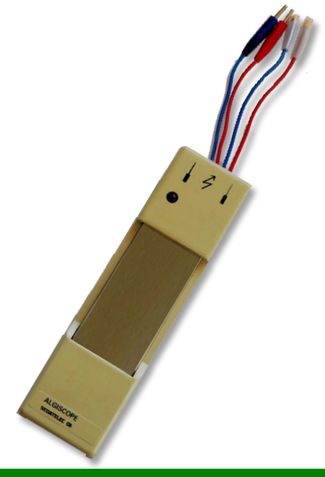
1980's

ASJ (1982 – 2001)

Creation of a rigid needle, based on the Singer sewing machine needle.

GIRLASE (1983 – 2010)

GIR 30-type generator using a laser with peak power of 1 W, 70 ns pulse width and average power less than 0.5 mW.



Algiscope (1983 – 1992)

Electrical needle stimulator, delivering 90 µA with a peak at 1.14 Hz.

Then came the microcontroller era, making it possible for devices to be more compact. SEDATELEC adopted it in the Stomalaser in 1983 and the Servoscope in 1985.

1983, started the era of the Japanese dental Stomalaser, which enabled SEDATELEC to gain experience in "high volume“. Over 6,000 devices sold in 3 years, taking up a major share of the electronic workshop at the time!

1985, opening of the VAS shop in Paris, 8 rue Corvetto, and creation of the ADP, "Atelier des Peupliers“, involving a half-dozen Sedatelec employees. It was specialised in the transformation of plastic materials (moulds and specific parts) that are still used today, like the Premio hand pieces.

1980’s

Stomalaser (1983 – 1985)

2 W peak laser, intended for dentists, with Nogier frequencies offset by 35%, using the same diode as the Theralaser, but controlled electronically by a microprocessor to yield compactness.

Servoscope (1985 – 2007)

1st differential point finder and stimulator using a microprocessor to provide increased measurement reliability. Two levels of stimulation : 1.14Hz and 6Hz, either through the sensor or the needles.

Laser programme (1986 – 1992)

1st laser introducing the regeneration, analgesic and muscle relaxant programs through the combination of Nogier frequencies. A 904nm IR source at 10W of peak power and pulse width of 200ns associated with a red laser source at 632nm and 5mW.

Attempts at diversification in different sectors begun:

- Dialysis with the Dialyshom for Dr Thomasset at the Tonkin Clinic.
- Dental care with the Rubberjet.
- And other initiatives with the Racmetre, Torix, 4.56 Stabiliser, demonstrating again the teams' creativity based on Auriculomedicine.

1980’s

Racmètre (1989 – 1995)

Used for correctly positioning the physician's left thumb on the patient's pulse, so that the VAS can be correctly detected.

AmpliVas (1983 – 1996)

Device used to facilitate VAS detection by electrical amplification of the pulse wave in auriculomedicine .

Rubberjet (1984 – 2009)

Tooth whitening device using an abrasive powder.

1988 saw the launch of the first range of single-use acupuncture needles, the DN.

It also saw the introduction of electrical stimulation with the Agistim Duo.

In 1989, the famous Nextlaser was launched. It was later also available in Dental, using the frequencies offset by 35% and a welded hand piece. This hand piece would subsequently be generalised to all models.

1980’s

DN (1988 – 2009)

1st sterile disposable acupuncture needle on the market. Thus eliminating any septic risks for the patient.

NextLaser (1989 – 2010)

Soft Laser using the 3 Nogier programs (antal, regen, relax) with a 10W peak-power diode and a pulse width of 200ns.

Agi Duo (1988 – today)

This device is ideal for electro-acupuncture, with its 4 channels, you can stimulate up to 16 needles.

A period marked by a change in the governance structure, the transition to a simple Société Anonyme (PLC), and the departures of Messrs. Genevois and Clément.

SEDATELEC showed yet again that it was on the leading edge by creating a Quality Department in 1988. Therefore anticipating and preparing for the regulation requirements for medical devices, known as Directive 93/42/EEC of June 14th, 1993.

We thus obtained ISO:9003 certification in 1996, then ISO:9002 in 1997. Since then our products are entitled to the CE 123 marking. In 1999, we obtained FDA approval.

1990's

Agistim (1990 – 1998)

Electrical needle stimulator. 90µA with peak at 1.14 Hz, 18.25 Hz or 73 Hz depending on the chosen program (discontinuous, continuous, scanning).

LipoClear (1992 - 1998)

Sedatelec also designed devices for the cosmetic industry, like the LipoClear and the Ridoclear.
As well as specific products for Carole Franck, like the automake-up, that served to apply semi-permanent make-up.

Agiscop (1994 – 2001)

An acupuncture point finder. Continuous current to 18µA max.

Significant investment in equipment would also be needed, and the 1997 creation of our clean room with the moulding of plastic ASP parts on a new press.

Appearance of devices that marked their time: the Agiscop, which lasted 24 years (the record was set by the GIR30, created in 1981 and marketed for 37 years!), the Everlase and Nextlaser Evolution.

The company PHYMED was created in August 1994, to market the Phylight (a device to treat seasonal affective disorders (SAD) with light therapy specifically developed using a principle in analogy with the Theralight), the Lipoclear and the Nextlaser.

1990's

Agiscop DT (1994 – 2001)

A differential point finder and stimulator for auriculotherapy. Continuous current to 5µA. 2 levels of stimulation: 1.14Hz and 73Hz, with 2 levels of energy: 1.5µJ and 0.15µJ.

Nextlaser Evolution (1997 - 2007)

An evolution from the Nextlaser, adding individual frequencies, as well as the ability to switch from medical frequencies to dental frequencies.

Everlase (1996 – 2007)

Laser using the 3 Nogier programs with a 12.5 W peak-power diode and a 160 ns of pulse width.
An energy dose selector was used for the first time. A Dental version used the frequencies offset by 35%. Red 650 nm LEDs surround the IR laser diode.

In 1994, SEDATELEC purchased 40% of the company PROMEGA, which distributed hospital medical equipment.

At the end of the decade, the ASP patent fell into the public domain; competitors seized the opportunity, and therefore SEDATELEC saw products that were similar in every way appear on the market.

1990’s

Theralight (1996 – 2012)

For white or colored light treatments using the Nogier frequencies.

ASP Gold (1998 – today)

The ASP Gold was created for allergic patients. It is now the standard in Battlefield Acupuncture.

Sedatelec 1998

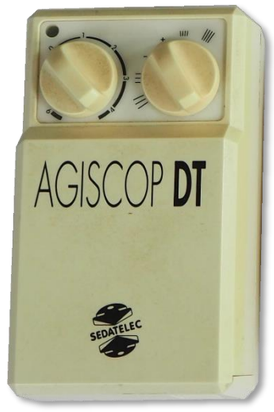
2002, transition from a multiple-shareholder structure to a single shareholder, as François Dumont took over the company.

The effective Quality system led to the first ISO:13485 certification in 2004.

2003, commissioning of the new INDUSTRIA management tool.

2004, the ASP family was reinforced with Titanium needles and a new permanent needle, called ASP Perma.

2000’s



Agiscop D-DT (2001 – 2017)

White in colour, it has the same characteristics as the orange model. A variant called GS was created for the German market.

ASP perma (2004 – today)

This permanent needle allows long-lasting auricular stimulation for chronic disorders.

The products were reorganized in 2 families; Premio, "mono-function" Premium hand held devices, and Modulo, "multi-function" modular devices.

After considerable analysis, modelling, and many different prototypes, the modulo range was launched in 2008. It is a technological performance as you can access in a single hand piece electric, light or laser treatment. Allowing therapist to do a lot with 1 unit!

It is also a step forward in laser diode power, which now reaches a peak of 75 W; and finally, it was a first for a super-pulsed laser with a peak of 40 W.

2007, creation of the ACUSHOP online shop following the successive closings of the Paris and Lyon VAS shops.

2000’s

Modulo 100 (2008 – today)

This modular device is an electrical point finder. You can stimulate the points with 1,14Hz, 73Hz or by scanning the Nogier frequencies with light, electricity or Laser.
It can be used in auriculotherapy, laser therapy and acupuncture.

Modulo 200 (2009 – today)

This modular device, can be used in auriculomedicine for VAS detection. You can stimulate the points, with light, electricity or Laser, using the individual or combined Nogier frequencies, and their variation (±30%), as well as in dental mode (-35%).

2007, also saw the unveiling of the new visual identity, and the new ASP conditioning.

2008/2009, the financial crisis had a major impact on SEDATELEC, which was forced to restructure and to make staff redundant, including shutting down the Atelier Des Peupliers (the legal structure had been absorbed in 2000) and the production of DNs.

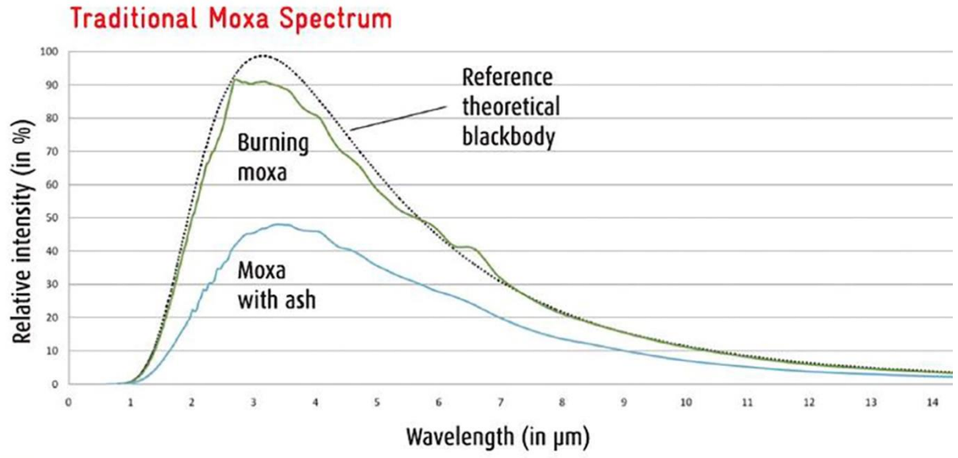
At the same time, the TCM market was calling for an alternative moxibustion solution. This ambitious program would take up most of the design office resources.

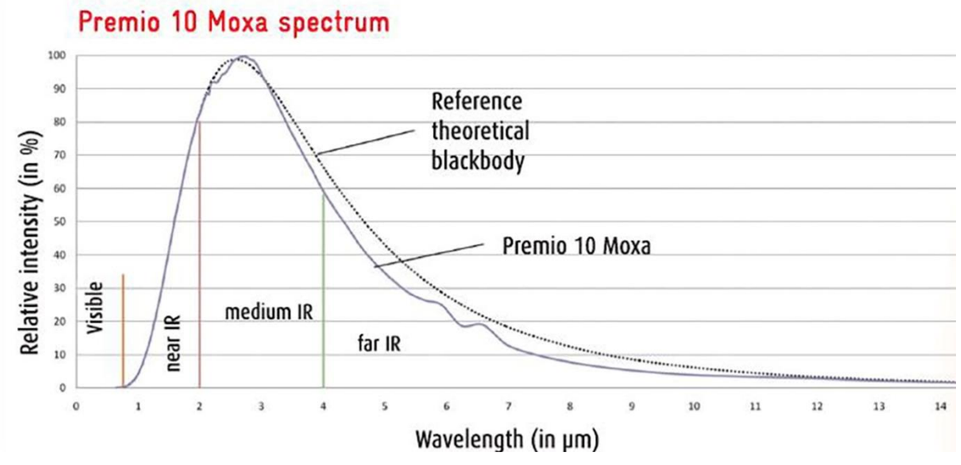
2009, the first PREMIO, the Premio 10 Moxa, was launched. Here again was innovation perfectly illustrating Sedatelec's goal of providing technological solutions for complementary medicine (namely TCM).

2000's

Premio 10 (2009 – today)

Finally moxibustion could be applied in hospitals and doctors' offices: the inconvenience of the smoke and ashes was gone. A genuine "World First", this device reproduces the entire spectrum of burning mugwort. This set it completely apart from competing products, and is what makes it effective and greatly sought-after by practitioners!





Sedatelec 2008

2011, SEDATELEC is purchased by Thierry GARABOUX.

The resources available for the last 5 years would not permit the range to fully develop at the necessary pace, and despite the launch of the Modulo range, the market was impatiently calling for "pocket" devices.

2013: launch of the Premio 30 and 32 lasers. Two products for two markets.

Premio 30 marked a new innovation : "wobbling frequencies" for acupuncturists seeking a means to provide stimulation without pricking (to tonify, sedate or harmonise).

2010’s

Premio 30 (2013 – today)

904 nm wavelength Laser for acupuncture, auriculo-therapy and reflex therapy. The innovative acceleration, deceleration or alternate in impulse emission rate to restore the Qi circulation with a 40 W peak IR laser diode, adjustable to 15 W.

Premio 32 (2013 – today)

40 W super-pulsed laser, with a white targeting light, ideal for local treatment and physiotherapy.
904 nm wavelength, delivering 2 joules/minute, which opens up new horizons.
It exist with a specific vet tip, for veterinary use.

This decade is marked with the retirement of the historical staff, Anie Boissy, Edia Renzi and Martine Ribes, and the set up of a new team.

Sedatelec goes digital with the launch of 2 Facebook pages, Sedatelec France, in French, and Sedatelec International, in English, as well as the taping of product videos with the creation of a Sedatelec YouTube channel.

A new website will be launched in 2019.

2010’s

DMAT (2015 – today)

Simplification of the manufacturing process for the earthing clamp, which became DMAT.

Gamme Easyo (2014 – today)

Modernisation of the detectors, with the launch of the Easyo range.

ELD (2015 – today)

It is a white light generator used in auriculomedicine with color filters. For VAS detection.

2016, a new addition to the Premio Laser range, with the Premio 32D for dentists and for everyone wanting a fiber optic device.

2017, marked the end of the famous Agiscop, a legend that had reigned for 24 years, and was acknowledged as the market standard.

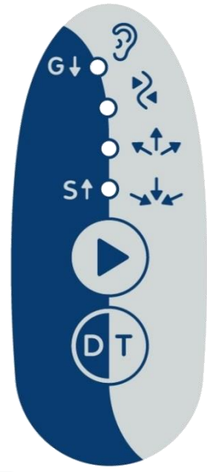
It took 4 years of hard R&D work, retaining the Modulo's point finding quality and adding a results display, at ear-level, before launching the Premio 20.

The success was confirmed immediately as the market adopted it enthusiastically!

2010’s

Premio 32D (2016 – today)

Premio 32 laser with an optical fiber, a 30 W super-pulsed diode and 2 laser keys. 1 for medical mode, standard Nogier frequencies, and 1 for dental mode, with the Nogier frequencies set at -35%.



Premio 20 DT (2017 – today)

Electrical point finder and stimulator.
Innovative stimulation: the device automatically adapts to the impedance of the point being treated, in order to provide the optimum level of energy.

This dynamic uses a blend of technology and design, enabling SEDATELEC to look to the future with:

- The development of the Premio range and the release of the highly-anticipated Premio 40 Light
- Investment in modern machines, including a new packer, commissioned in May 2018
- Innovative projects for both ASP and new devices...

Let's write the next pages of Sedatelec's success story together!

2019

Premio 40 Light

The main objective was to obtain light with a spectrum as close as possible to that of the sun. Being able to adjust the frequency of this light and to use colour filters was primordial.
The device will replace the Theralight, the GIR30+ and the DB165, and also include the functions of the ELD and Heine lamp.
All of this in a single device!

Sedatelec 2018

Sedatelec is not just a story going back 40 years, it's also a story of the men and women who have been part of it.

- Men and women who have created it under the guiding hand of the Father of modern auriculotherapy,
- Men and women who have been its daily lifeblood, some of whom have dedicated their entire career in its service,
- Men and women who practise this complementary medicine every day and who, here and everywhere in the world, make sure that its light continues to shine brightly…

Sedatelec
40 YEARS
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Thank you, all of you!

40 YEARS

Sedatelec®

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