



## **Pixium Vision announces the presentation of the first clinical results with PRIMA, its wireless implant, in patients with atrophic Dry-AMD**

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**Paris, France. September 18, 2018** – 7.00 AM CEST - Pixium Vision (FR0011950641 - PIX), a bioelectronics company developing innovative bionic vision systems to enable patients who have lost their sight to lead more independent lives, today announced that the first clinical results from the French feasibility trial of PRIMA, its novel miniature wireless photovoltaic sub-retinal implant, will be presented during the 18<sup>th</sup> annual congress EURETINA (European Society of Retina Specialists), to be held in Vienna (Austria) from September 20 to 23, 2018.

**The presentation will be given by the principal investigator of the feasibility study, Dr. Yannick Le Mer** (Fondation Ophtalmologique A. de Rothschild, Paris – France) **on Friday, September 21st, from 5.40PM.**

The abstract is accessible through the EURETINA conference website:

*« Subretinal implantations of PRIMA wireless photovoltaic chip, a new surgical technique for atrophic dry age-related macular degeneration: Technical feasibility and early results. »*

Pixium Vision recently announced that PRIMA has been successfully activated in all consecutive five implanted patients afflicted by vision loss due to atrophic Dry-AMD and included in the French feasibility study. This study<sup>1</sup> with PRIMA is a 36-month, 5-patient clinical feasibility study, designed to evaluate the safety and function of the wireless photovoltaic sub-retinal PRIMA chip in eliciting visual light perception.

The full set of 6-month interim results of the French feasibility study with all 5 patients (currently with follow-up period between 2 and 9 months) are expected by the end of 2018. This will enable the design of the protocol for the larger multi-centric European pivotal study to commence in 2019, required for the CE-mark.

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<sup>1</sup> Study of Compensation for Blindness with the PRIMA System in Patients with Dry Age-Related Macular Degeneration (PRIMA FS) <https://www.clinicaltrials.gov/ct2/show/NCT03333954>

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## ABOUT PRIMA

PRIMA is a new generation miniaturized and totally wireless sub-retinal implant. The PRIMA implant is a micro photovoltaic chip of 2x2 millimeters wide and 30 microns thick, equipped with 378 electrodes. Implanted under the retina via a minimal invasive surgical procedure, it acts like a tiny solar panel that is powered by pulsed near infrared light through a miniaturized projector integrated in a pair of augmented reality-like glasses, along with a mini-camera, worn by the implanted subject. PRIMA is designed to compensate for severe vision loss from retinal dystrophies, initially atrophic dry Age-related Macular Degeneration (dry AMD), a significant unmet medical need with currently no curative therapeutic solution, and at later stage also Retinitis Pigmentosa (RP).

## ABOUT AGE-RELATED MACULAR DEGENERATION (AMD)

Age-related macular degeneration<sup>2</sup> is the leading cause of severe vision loss and legal blindness in people over the age of 65 in North America and Europe, impacting an estimated 12 to 15 million people worldwide which is continuously growing due to ageing population. There are two forms of AMD, the wet form, representing ~20% of AMD, where treatment like anti-VEGF injections is available slow down the disease progression, and the dry form, representing ~80% of AMD, where there is currently no curative treatment available. More than 4 million patients are afflicted with advanced dry AMD in Europe and the United States. Patients suffering from this retinal disorder start by losing their central vision (responsible for visual precision and details, for example, required for reading and face recognition) and progressively become blind.

## ABOUT PIXIUM VISION

Pixium Vision's mission is to create a world of bionic vision for those who have lost their sight, enabling them to regain partial visual perception and greater autonomy. Pixium Vision's bionic vision systems are associated with a surgical intervention as well as a rehabilitation period. Following the CE mark for its first bionic retinal implant systems, IRIS®II, Pixium Vision is now conducting clinical studies with PRIMA, its new generation sub-retinal miniaturized photovoltaic wireless implant system, for patients who have lost their sight due to outer retinal degeneration, initially for atrophic dry age-related macular degeneration (dry AMD). Pixium Vision collaborates closely with academic and research partners spanning across the prestigious Vision research institutions including the Institut de la Vision in Paris, Stanford University in California, Moorfields Eye Hospital in London, and Institute of Ocular Microsurgery (IMO) in Barcelona. The company is EN ISO 13485 certified and qualifies as "Entreprise Innovante" par Bpifrance.

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<sup>2</sup> [http://www.thelancet.com/journals/langlo/article/PIIS2214-109X\(17\)30393-5/fulltext](http://www.thelancet.com/journals/langlo/article/PIIS2214-109X(17)30393-5/fulltext)

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Pixium Vision is listed on Euronext Paris (Compartment C). Pixium Vision shares are eligible for the French tax incentivized PEA-PME and FCPI investment vehicles.

Pixium Vision is included in the Euronext CAC All Shares index

Euronext ticker: PIX - ISIN: FR0011950641 – Reuters: PIX.PA – Bloomberg: PIX:FP

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*Pixium Vision provides this press release as of the aforementioned date and does not commit to update forward looking statements contained herein, whether as a result of new information, future events or otherwise.*

*For a description of risks and uncertainties which could lead to discrepancies between actual results, financial condition, performance or achievements and those contained in the forward-looking statements, please refer to Chapter 4 "Risk Factors" of the company's Registration Document filed with the AMF under number R16-033 on April 28, 2016 which can be found on the websites of the AMF - AMF ([www.amf-france.org](http://www.amf-france.org)) and of Pixium Vision ([www.pixium-vision.com](http://www.pixium-vision.com)).*

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