

ANCON Medical Supports Wear Purple for JIA

ANCON is proud to be supporting #WearPurpleforJIA this Friday 8 June to raise awareness of Juvenile Idiopathic Arthritis.

CANTERBURY, KENT, UNITED KINGDOM, June 7, 2018 /EINPresswire.com/ -- ANCON is proud to be supporting #WearPurpleforJIA this Friday 8 June to raise awareness of [Juvenile Idiopathic Arthritis](#) and its effect on children living with the disease.

The cause touches close to home for the ANCON team after the diagnosis of [Thomas](#), the son of ANCON Medical's CEO, Wesley Baker, in 2017. Since his diagnosis last year, Thomas has undergone several treatments at Kent and Canterbury Hospital and Great Ormond Street Children's Hospital in London and is courageously fighting against worsening symptoms each day.



Wear Purple For JIA 2018

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Wesley Baker - CEO of ANCON Medical

JIA is a painful autoimmune disease, where your immune system gets confused and attacks healthy joint tissue, causing inflammation. There are an estimated 12,000 children and young people living with JIA in UK, representing 1 child in every 1,000 under the age of 16.

Early diagnosis is key to limiting the progression of this painful and potentially debilitating disease and this is precisely the kind of disease where ANCON Medical's advanced disease screening technology can be life-changing. Non-invasive, simple to use, and affordable, the ANCON's Nanoparticle Biomarker Tagging (NBT) technology

can detect the presence of disease by measuring exhaled breath for signs of the disease.

The technology works by detecting breath specific “biomarkers,” which are DNA-protein controlled volatile organic compound (VOC) metabolites specific to diseases. Researchers have discovered biomarkers for more than 400 diseases, including lung, bowel and other cancers.

By using machine learning software in association with the [NBT technology](#) the device can hunt for these specific molecules, so that the disease can be diagnosed early, thereby increasing treatment options and survival probability. No technology on the market is as highly sensitive at detecting biomarkers as NBT, which can detect the fingerprints of the disease at concentrations as low as one ion in 10,000 cubic centimetres, giving the device a sensitivity that could be measured down to a single molecule.

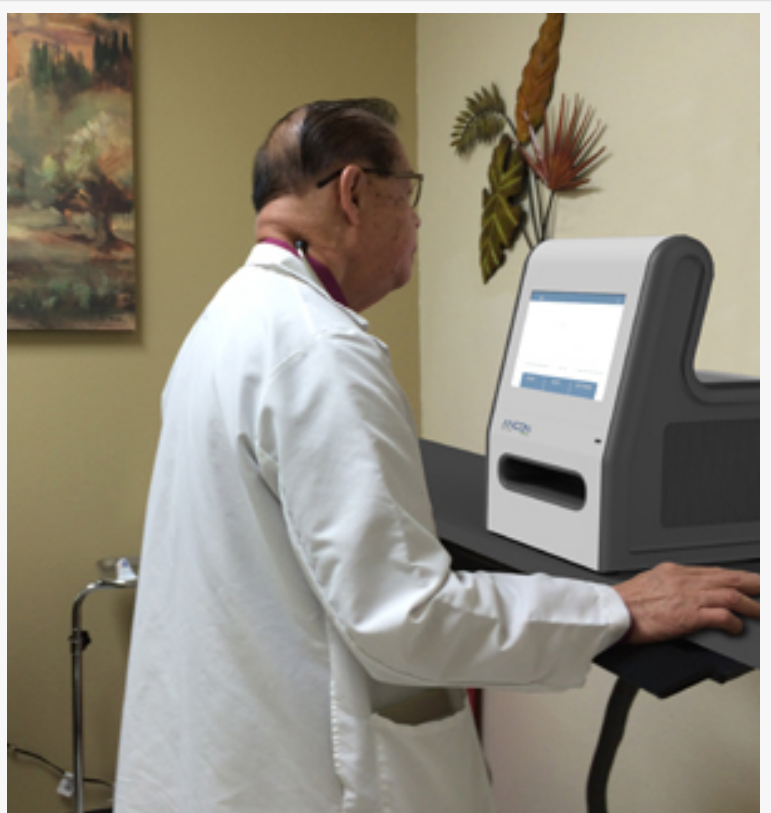
“The NBT device is very versatile and promises to change the lives of children as yet undiagnosed with this painful disease in a non-invasive and much less intimidating way than current testing

procedures. Although unfortunately too late for Thomas's JIA diagnosis, it can also be used to screen for diseases such as cancer and potentially be reassigned to test for a range of other diseases when needed," says Wesley Baker, who is a member of the Royal Society of Medicine.

For more information on Ancon Medical's NBT technology research, visit <http://anconmedical.com/nbt-technology>.

#WearPurpleforJIA is a campaign started by two JIA mums in 2015 to raise much-needed awareness and funds for children and young people living with Juvenile Idiopathic Arthritis. For further information visit <https://www.wearpurpleforjia.com>.

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NBT Device with Dr

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