



## **Additional Media Release**

### **International Websites**

#### **English:**

**Source:** Medical Plastic News

**Date:** 17 December 2018

**Title:** Early intervention device for heart failure developed

**Website:** <https://www.medicalplasticsnews.com/news/medical-devices/research-team-develops-early-intervention-device-for-heart-f/>

**Source:** Asian Scientist

**Date:** 6 December 2018

**Title:** Detecting Heart Failure at Home

**Website:** [https://www3.ntu.edu.sg/CorpComms2/Documents/2018/12\\_Dec/Asian%20Scientist\\_181206\\_Detecting%20Heart%20Failure%20At%20Home.pdf](https://www3.ntu.edu.sg/CorpComms2/Documents/2018/12_Dec/Asian%20Scientist_181206_Detecting%20Heart%20Failure%20At%20Home.pdf)

**Source:** Electric Component News

**Date:** 6 December 2018

**Title:** Smart Medical Device for Early Intervention of Congestive Heart Failure

**Website:** [https://www3.ntu.edu.sg/CorpComms2/Documents/2018/12\\_Dec/ECN\\_181206\\_Smart%20medical%20device%20for%20early%20detection%20of%20congestive%20heart%20failure.pdf](https://www3.ntu.edu.sg/CorpComms2/Documents/2018/12_Dec/ECN_181206_Smart%20medical%20device%20for%20early%20detection%20of%20congestive%20heart%20failure.pdf)

**Source:** Open Gov Asia

**Date:** 6 December 2018

**Title:** NTU and TTSH's smart medical device

**Website:** <https://www.opengovasia.com/ntu-and-ttshs-smart-medical-device/>

**Source:** ELE Times

**Date:** 4 December 2018

**Title:** Cloud-based AI and Phone app could identify heart disease from the home

**Website:** [https://www3.ntu.edu.sg/CorpComms2/Documents/2018/12\\_Dec/ELE%20Times\\_181204\\_Cloud-based%20AI%20and%20Phone%20app%20could%20identify%20heart%20disease%20from%20the%20home.pdf](https://www3.ntu.edu.sg/CorpComms2/Documents/2018/12_Dec/ELE%20Times_181204_Cloud-based%20AI%20and%20Phone%20app%20could%20identify%20heart%20disease%20from%20the%20home.pdf)

**Source:** Archy Worldys

**Date:** 1 December 2018

**Title:** Singapore created a mini-device for diagnosing heart problems

**Website:** [https://www3.ntu.edu.sg/CorpComms2/Documents/2018/12\\_Dec/Archy%20Worldys\\_181201\\_Singapore%20created%20a%20mini-device%20for%20diagnosing%20heart%20problems.pdf](https://www3.ntu.edu.sg/CorpComms2/Documents/2018/12_Dec/Archy%20Worldys_181201_Singapore%20created%20a%20mini-device%20for%20diagnosing%20heart%20problems.pdf)

**Source:** Connected to India

**Date:** 30 November 2018

**Title:** NTU and TTSH invents smart device for early intervention of congestive heart failure

**Website:** <https://www.connectedtoindia.com/ntu-and-ttsh-invents-smart-device-for-early-intervention-of-congestive-heart-failure-4846.html>

**Source:** EurekAlert

**Date:** 29 November 2018

**Title:** NTU and TTSH invent medical device for early intervention of congestive heart failure

**Website:** [https://www.eurekalert.org/pub\\_releases/2018-11/ntu-nat112918.php](https://www.eurekalert.org/pub_releases/2018-11/ntu-nat112918.php)

**Source:** News Atlas

**Date:** 29 November 2018

**Title:** Prototype device listens to lungs to check the heart

**Website:** <https://newatlas.com/congestive-heart-failure-acoustic-sensor/57449/>

## **Chinese:**

**Source:** Big Bit

**Date:** 4 December 2018

**Title:** 科学家打造听诊器式声学传感器：能听出充血性心衰

**Website:** [https://www3.ntu.edu.sg/CorpComms2/Documents/2018/12\\_Dec/Big%20Bit\\_181204\\_Researchers%20develop%20acoustic%20sensing%20device%20to%20detect%20congestive%20heart%20failure.pdf](https://www3.ntu.edu.sg/CorpComms2/Documents/2018/12_Dec/Big%20Bit_181204_Researchers%20develop%20acoustic%20sensing%20device%20to%20detect%20congestive%20heart%20failure.pdf)

**Source:** CNBeta

**Date:** 30 November 2018

**Title:** 科学家打造听诊器式声学传感器：能听出充血性心衰

**Website:** <https://www.cnbeta.com/articles/science/793269.htm>

**Source:** OFweek

**Date:** 30 November 2018

**Title:** 科学家打造听诊器式声学传感器：能听出充血性心衰

**Website:** [https://www3.ntu.edu.sg/CorpComms2/Documents/2018/11\\_Nov/OFweek\\_181130\\_Scientists%20develop%20smart%20device%20to%20detect%20congestive%20heart%20failure.pdf](https://www3.ntu.edu.sg/CorpComms2/Documents/2018/11_Nov/OFweek_181130_Scientists%20develop%20smart%20device%20to%20detect%20congestive%20heart%20failure.pdf)

**Source:** 贤集网

**Date:** 30 November 2018

**Title:** 科学家打造听诊器式声学传感器 能听出充血性心衰

**Website:** [https://www.xianjichina.com/special/detail\\_388745.html](https://www.xianjichina.com/special/detail_388745.html)

## **Local Websites**

### **English:**

**Source:** Channel News Asia

**Date:** 30 November 2018

**Title:** Detecting heart problems early in the comfort of homes

**Website:** <https://www.channelnewsasia.com/news/singapore/detecting-heart-problems-early-in-the-comfort-of-homes-video-10982136>

**Source:** Tan Tock Seng Hospital

**Date:** 30 November 2018

**Title:** Home-use device can alert patients to potential heart failure

**Website:** <https://www.ttsh.com.sg/About-TTSH/TTSH-News/Pages/Home-use-device-can-alert-patients-to-potential-heart-failure.aspx>

**Source:** The New Paper

**Date:** 30 November 2018

**Title:** New home-use device can help detect heart failure symptoms

**Website:** [https://www3.ntu.edu.sg/CorpComms2/Documents/2018/11\\_Nov/TNP\\_181130\\_8\\_New%20home-use%20device%20can%20help%20detect%20heart%20failure%20symptoms.pdf](https://www3.ntu.edu.sg/CorpComms2/Documents/2018/11_Nov/TNP_181130_8_New%20home-use%20device%20can%20help%20detect%20heart%20failure%20symptoms.pdf)

**Source:** The Straits Time

**Date:** 30 November 2018

**Title:** Home-use device can alert patients to potential heart failure

**Website:** <https://www.straitstimes.com/singapore/health/home-use-device-can-alert-patients-to-potential-heart-failure>

**Source:** Nanyang Technological University

**Date:** 29 November 2018

**Title:** NTU Singapore and TTSH invent smart medical device for early intervention of congestive heart failure

**Website:** <https://media.ntu.edu.sg/NewsReleases/Pages/newsdetail.aspx?news=ae298125-d1de-4b53-a900-b3f028be64c1>

### **Chinese:**

**Source:** 联合早报 (Lianhe Zaobao)

**Date:** 30 November 2018

**Title:** 南大与陈笃生医院发明 新仪器或助病患探测心脏衰竭征兆

**Website:** [https://www3.ntu.edu.sg/CorpComms2/Documents/2018/11\\_Nov/LHZB\\_181130\\_6\\_NTU%20and%20TTSH%20develop%20new%20device%20to%20detect%20congestive%20heart%20failure.pdf](https://www3.ntu.edu.sg/CorpComms2/Documents/2018/11_Nov/LHZB_181130_6_NTU%20and%20TTSH%20develop%20new%20device%20to%20detect%20congestive%20heart%20failure.pdf)

**Source:** Channel 8

**Date:** 29 November 2018

**Title:** 智能医疗仪器 探测心脏病患肺积水情况

**Website:**[https://www3.ntu.edu.sg/CorpComms2/Documents/2018/11\\_Nov/Ch8online\\_181129\\_Smart%20medical%20device%20to%20detect%20fluid%20in%20lungs%20of%20patients%20with%20heart%20disease.pdf](https://www3.ntu.edu.sg/CorpComms2/Documents/2018/11_Nov/Ch8online_181129_Smart%20medical%20device%20to%20detect%20fluid%20in%20lungs%20of%20patients%20with%20heart%20disease.pdf)

**Source:** 联合晚报 (Lianhe Wanbao)

**Date:** 29 November 2018

**Title:** 病患可自测肺积液早发现心衰竭

**Website:**[https://www3.ntu.edu.sg/CorpComms2/Documents/2018/11\\_Nov/LHWB\\_181129\\_6\\_Patients%20can%20test%20for%20fluid%20accumulation%20in%20lungs%20to%20earlier%20detect%20congestive%20heart%20failure.pdf](https://www3.ntu.edu.sg/CorpComms2/Documents/2018/11_Nov/LHWB_181129_6_Patients%20can%20test%20for%20fluid%20accumulation%20in%20lungs%20to%20earlier%20detect%20congestive%20heart%20failure.pdf)

**Source:** 新明日报

**Date:** 29 November 2018

**Title:** 南大陈笃生医院研发新智能医疗器 充血性心脏衰竭病人可自行检查

**Website:**[https://www3.ntu.edu.sg/CorpComms2/Documents/2018/11\\_Nov/SMDN\\_181129\\_4\\_NTU%20and%20TTSH%20develop%20a%20smart%20medical%20device%20for%20congestive%20heart%20failure%20patients.pdf](https://www3.ntu.edu.sg/CorpComms2/Documents/2018/11_Nov/SMDN_181129_4_NTU%20and%20TTSH%20develop%20a%20smart%20medical%20device%20for%20congestive%20heart%20failure%20patients.pdf)

## **Malay:**

**Source:** Berita Harian

**Date:** 30 November 2018

**Title:** Alat perubatan bijak kesan simptom awal kegagalan jantung

**Website:**[https://www3.ntu.edu.sg/CorpComms2/Documents/2018/11\\_Nov/BH\\_181130\\_6\\_Smart%20medical%20device%20detects%20early%20symptoms%20of%20heart%20failure.pdf](https://www3.ntu.edu.sg/CorpComms2/Documents/2018/11_Nov/BH_181130_6_Smart%20medical%20device%20detects%20early%20symptoms%20of%20heart%20failure.pdf)