

19th European Meeting on Hypertension 2009

June 12-15, 2009, Milan, Italy

Reported by Yuka Inoue, International Division 2

We returned to Milan to attend the 19th European Society of Hypertension (ESH) meeting from June 12 to June 15, 2009. Over these few days, more than 6,000 delegates attended and many of them dropped by the A&D booth.



MIC-Milan Convention Center in Italy

Our aim was to introduce our applications to professional people in medical field and provide better solutions for people who have hypertension or need to collect results effectively using A&D's high-quality medical products. In order to introduce clearly, we displayed our products in three sections: Telemedicine Products, ABPM and Analysis Software, and Medical Check-up Systems.

I will report on our success at ESH2009 with the A&D booth.



Many doctors listened to our demonstrations and were interested in A&D products

■ Telemedicine Products

A&D is proud to collaborate with leading companies all over the world, including Panasonic, Oracle and Austrian Research Centers (ARC), to provide new applications for wireless products in medical fields. At this event, we demonstrated A&D's telemedicine products, including the UA-767PBT (blood pressure monitor), the UC-321PBT (precision health scale) and the TM-2580 (for professional blood pressure monitoring). Measurement results were transferred to a Panasonic Tough Book equipped with wireless communication capabilities (a PC for healthcare professionals). We also displayed our UA-767 blood pressure monitor equipped with a Near Field Communication (NFC) module by ARC.

**Our collaboration makes
your solution complete.**



(For information about Telemedicine, please click on the following link:
<http://www.telemedicine.jp/>)

■ ABPM and Analysis Software

Prof. Kario is famous for his morning hypertension research in Japan. He uses A&D ABPM to conduct clinical surveys and he made a presentation about morning surge at a conference. In addition to his presentation, you could learn about many other hypertension studies at the various conferences and sessions during ESH2009. This was great opportunity for us because it reminded us of the importance of measuring blood pressure over a 24-hour period. Furthermore, many doctors and professors need ABPM (Ambulatory Blood Pressure Monitors) and Analysis Software for their research. We are proud to say that many doctors were interested in TM-2430, which was validated by Prof. Palatini in Italy

(Protocol: BHS / Result: A/A). With regard to analysis software, we introduced A&D's Dr. Pro3, as well as CVM by Intermed, in Italy for the Italian market.



Prof. Kario gave a presentation about morning surge

Predicting cardiovascular risks by controlling 24 hour BPM

JAMP study (Japan Ambulatory blood Pressure Prospective Study) has started in Japan from January 2009. This is the first large scale ABPM study among Japanese population, aiming 10,000 patients in 3 years and follow up study for 5 years.

In the recent studies, we are finding that ABPM is very useful tool to predict risks of cardiovascular diseases, like masked hypertension. But at the same time it is pointed that enough evidences were not collected to set a strategy for treatments against cardiovascular disorders.

This study is led by Prof. Kario, Cardiovascular Internal Medicine at Jichi Medical University organized this project in order to collect more evidences. His goal is to establish an ABPM database to be able to set direction for treatments in various cardiovascular diseases.

A&D has been cooperating this project as the leading manufacturer of ABPM for over 20 years.




TM-2430 ABPM

JAMP Protocol

Subjects

- 10,000 high risk cardiovascular patients
- Patients with at least one of the following cardiovascular risks.

Diabetes, lipid disorder, hypertension, smoking, kidney disorder, atrial fibrillation, metabolic syndrome, obstructive lung disease or sleep apnea syndrome

1st end point

Death, cardiovascular death, nonfatal death, recurrent heart disease or combined vascular disorder

2nd end point

Chronic atrial fibrillation, acute myocardial infarction, stroke, chronic kidney disease, chronic dialysis, atrial fibrillation, or new-onset hypertension

Baseline Information

1. Patient questionnaire
2. 24-hour blood pressure data
3. Blood and urine tests
4. ECG tests

Follow up (5 years)

Tracking cardiovascular events once a year for 5 years

Creates ABPM database for 10,000 Japanese patients

JAMP secretariat,
Jichi Medical University
Cardiovascular Internal Medicine
e-mail: abpm@jichi.ac.jp



Demonstration of how to use TM-2430 and the software

■ Medical Check Up Data Acquisition System

We have set up the TM-2655P (Fully Automatic BP monitors) at ESH meetings in the past and again it was well received by many visitors. In addition, we presented a check-up adaptor and height and weight scale near the TM-2655P. More than 300 participants measured their BP with TM-2655 and many of them checked their height and weight as well.

Using A&D's Medical Check Up Data Acquisition system, data can be collected electronically, which ensures higher reliability of data (including BP, height and weight). Automatic data collection improves the efficiency of the medical check up procedures and lightens staff workload.

Though this was the first introduction of this system, we received many inquiries from various countries.

A&D Medical Checkup Data Acquisition System

Urine Check Physical Examination Blood Pressure Measurement Blood Test Consultation/Examination

← Area for automation →

Body height, weight, blood pressure (urine check)
data can be collected electronically.
 (Waist size can be input into the PC manually.)

Local Area Network (LAN) To Data Acquisition System

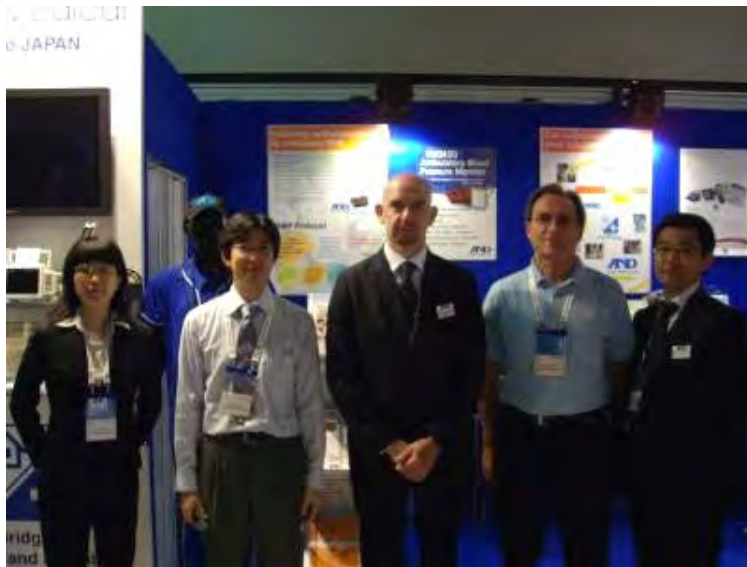
- Automatic data collection improves the efficiency of the medical checkup procedure and lightens staff workload.
- Automatic data input ensures higher reliability of data (such as blood pressure, height and weight).
- A wide range of third party measuring devices are supported.
- The data (blood pressure, height and weight) is stored in both the Data Collector and the PC for secure data back up.
- Data from the Data Collector (AD-6903) is recorded automatically in text (CSV) format to ease post processing.



Explaining what a medical check-up is and how to use it

Thank you for reading this report. A&D is going to attend the 20th European Meeting on Hypertension in Oslo, Norway from June 18th to 21st, 2010 (<http://www.esh2010.com/>). We are looking to seeing you next year!

Finally, I would like to take this opportunity to thank Mr. Mauro Comotti of INTERMED Italy and Mr. Mike Telford of A&D instruments in the U.K for their support during ESH2009.



Group photo in front of the A&D booth