

# DETAILED MONITORING OF ARTERIO-VENOUS FISTULA

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## INTRODUCTION TO THE CASE STUDY

The increasing number of complicated arterio-venous fistulas (AVF) raised a need to solve the question of the suitable puncturing and sustainable usability of vascular access for haemodialysis. In June 2015, our dialysis centre introduced the monitoring of AVF with accurate photo documentation and drawings.

## AIM

The reason for introducing the new method into clinical practice was to identify the optimal monitoring of AVF cannulation, improving and accelerating the quality of the cannulation process. This poster summarises our two-year experience with this method.

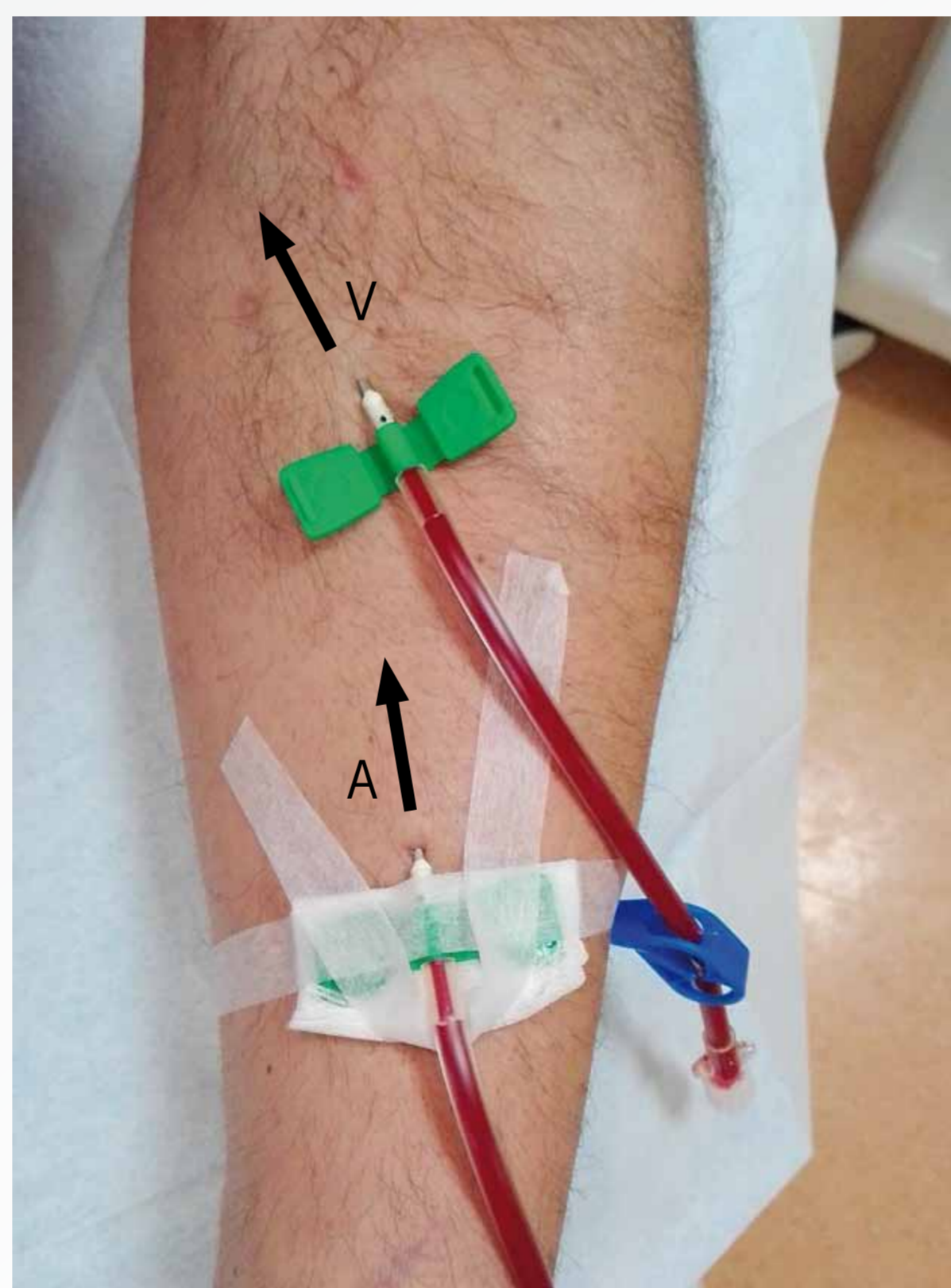
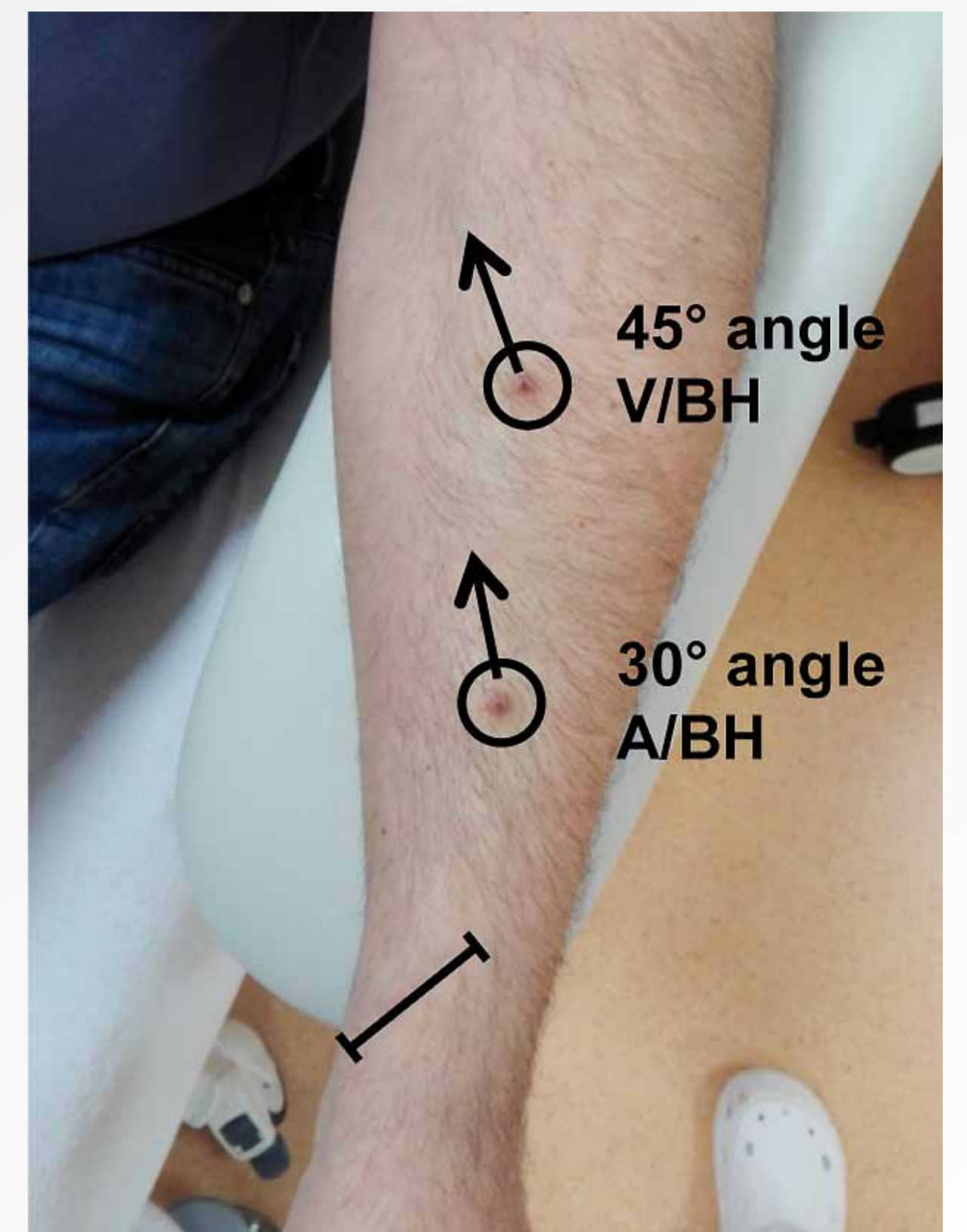
## METHOD

- Records in clinical patient software (Nefris) performed for every HD/HDF treatment
- Detailed picture of AVF and cannulation approach always available
- One nurse designs the puncture sites at the beginning of AVF use

**Clonno prílohy**  
08.09.2015 14:30, vyšetrení Dr. Nežar  
02.12.2015 obdĺžnik AVF L.rah. sec. C.rah. -Grecia M.G.D. -Hecpal  
K.C.A.V. L.H.

11.06.2015 14:38	Vyšetrenie, ind. ošetrová p.o.l. v.r. Imrnany, rozsa kludsa, otvorené klytie
18.09.2015 07:33	Vyšetrenie, Score, poduloký v.r., ošetrová otvorená Promoc, avom tréningu+ vydaný edukačný ma
21.09.2015 12:33	Vyšetrenie, ind. ind. ošetrová p.o.l. v.r. Imrnany, rozsa kludsa, otvorené klytie
23.09.2015 12:33	Vyšetrenie, Score, vyšetrenie otvorené napojenie, pre budúcu metódu BH+počúnený+ 1x pichn
28.09.2015 20:14	Vyšetrenie, ind. -AVF-ľavá ruka, zaly sú es- pac. 20
21.10.2015 20:18	Vyšetrenie, ind. prstík 200, d'nes vyšetrenie m
23.10.2015 08:20	Vyšetrenie, ind. prstík 300, d'nes vyšetrenie m
23.10.2015 07:57	Vyšetrenie, ind. d'nes pacient napojený po 2 hod
25.10.2015 20:11	Vyšetrenie, ind. prstík 280, 3x 23ky 160 bez p
28.10.2015 20:11	Vyšetrenie, ind. Napojenie metódu BH+počúnený
02.11.2015 18:41	Vyšetrenie, ind. BH ošetrová OK
04.11.2015 20:54	Vyšetrenie, ind. prstík 350, -2 dny 150, QB 350
06.11.2015 08:20	Vyšetrenie, ind. prstík 300, sčítaný na 2 dny, 0
09.11.2015 14:15	Vyšetrenie, ind. prstík 350, -4 dny 150, QB 350
11.11.2015 20:38	Vyšetrenie, ind. prstík 350, -BH- bez problémov M.G.
23.11.2015 20:53	Vyšetrenie, ind. prstík 350, grombózy - bez problémov
25.11.2015 08:36	Vyšetrenie, ind. napo - bez problémov
16.12.2015 07:36	Vyšetrenie, ind. prstík 350, napo, bez problémov, ošetrová ver
18.12.2015 07:37	Vyšetrenie, ind. prstík 350, napo, bez problémov, ošetrová ver
30.12.2015 19:49	Vyšetrenie, ind. Ošetrová, bez problémov S.L.
20.01.2016 08:18	Vyšetrenie, ind. prstík 350, -BH- bez problémov M.G.
02.03.2016 16:35	Vyšetrenie, ind. prstík 400, -2 dny bez problémov, technika BH bez ošetrová M.G.
04.04.2016 19:31	Vyšetrenie, ind. BH bez problémov IV
06.04.2016 19:40	Vyšetrenie, ind. Prstík bez barod. S.L.
11.04.2016 19:57	Vyšetrenie, ind. BH topal -by bez problémov IV

## EXAMPLES OF OUR METHOD



## CONCLUSIONS

In the course of two years, we successfully used this method in 107 patients with AVF and came to these conclusions:

- Detailed monitoring of AVF cannulation with accurate photo documentation and drawings made the process faster and improved its quality.
- Method is appreciated by the patients.
- Unequivocally determined technique and procedure contributed to an early discovery of complications and their management.