INTRODUCTION AND AIMS: In many countries, it is increasingly difficult to put patients on PD because they getting more frail, more elderly and many of them are multi-morbid. Many of the patients have impairments that seem to be an additional barrier to PD. These are manifold and potential patient restrictions range from tactile or visual restrictions, to dexterity shortfalls, arthritis or other causes. The aim was to understand how a newly developed auto-connect device would allow more patients to be treated at home. With what kind of patients would such a device make patients and health care professionals feel safer and how many patients could profit from such a device.

METHODS: A survey performed at EuroPD 2017 encompassing interviews with 29 respondents, thereof 45% nephrologists, 45% nurses and therapy specialists and 10% others. The respondents were shown the video of the device and its functionality and then they had to discuss and rate pre-defined patient profiles and statements.

RESULTS: The majority immediately recognized the potential of the Peripa® System to protect from infections and appreciated its functional simplicity. Five patient profiles were confirmed by at least two thirds of respondents: visual/dexterity impairment (93%), patients exposed to an increased infection risk (83%), patients at the edge of assistance (76%), Patients with anxiety (72%), Patients who already suffered from peritonitis (66%).

CONCLUSIONS: The survey confirmed the key advantages of such a device for home dialysis patients. 26% would use it for 6-20% of their patients, 30% of respondents would use it for 21-35% of their patients. The data suggests that more patients can be treated at home with such a device.