



# Advanced Patient Support

We care. We create.

Synergie.

## Advanced Patient Support

We believe patients suffering from complex wounds and other skin deformities deserve the best possible healing environment. To maximize patient recovery and relieve pain. To enable health care professionals to remain in control.



# We Care. We Create.

At Synergie we understand the kind of support surface that is needed to optimize the treatment of wounds as well as to prevent complications. To avoid uncertainties which could increase the risk of mortality or extend the treatment period unnecessarily .

We also recognize what is needed for patient rehabilitation after an accident or during long-term care. That is why we have created Air Fluidised Care.



**“Our products support both the patient and the caregiver”**

CEO Ger Bouwens

### Floating on a dry fluid

Extremely low interface pressure and inactivation of bacteria are combined with continuous temperature control and dry ventilation around the patient's body. This ensures the perfect environment to start the healing process.

### Prone position support

Air Fluidised Care can be used for ARDS/COVID-19 patients that are treated in prone position for a long period of time. The low resistance helps to prevent major complications like abdominal compression and pressure sores. It also makes it easier to reposition the patient.



# About Us

Based in the Netherlands we have been developing Air Fluidised Care (AFC) technology since 1994. With a focus on the advancement of new and improved features and strong QARA commitment we are a dedicated AFC specialist. Product reliability and excellent service support empower our commitment to deliver the best possible performance.



### A leading expert

We constantly strive to enhance it. Our latest models are state of the art and have made us a world-leading supplier.

### Widely appreciated

Advanced Patient Support by Synergie is applied in many hospitals around the world to manage complex wound treatment or to prevent complications for patients at the ICU. Clinical benefits have been acknowledged and the latest models have features that are widely appreciated.



## Synergy

The meaning of SYNERGY (in Dutch “SYNERGIE”) according to the Cambridge Dictionary: “Combined power of a group of things when they are working together that is greater than the total power achieved by each working separately”.

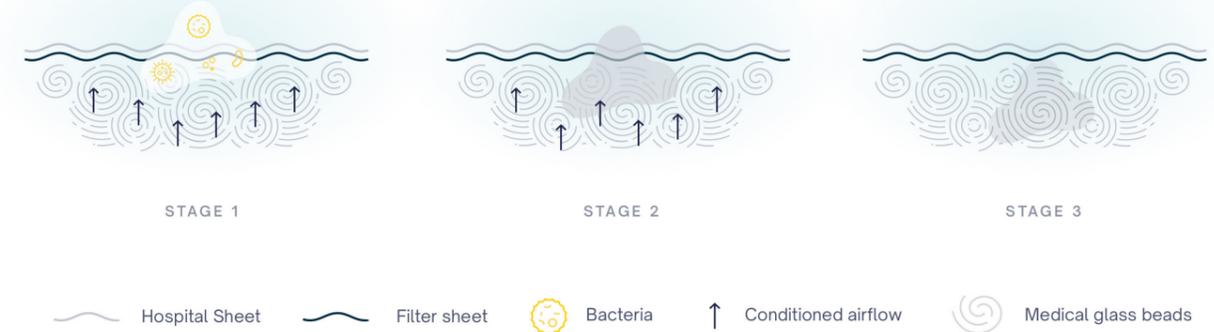
It is a valid reflection of how we work and how we like to combine the expertise of clinical specialists, distributors, suppliers and service providers to ensure optimum patient support.

**“Air Fluidised Care has proven its value in intensive care and treatment of wounds with a high complexity.”**

Eddy Koopman –  
Deventer Ziekenhuis

# Air Fluidised Care

Air Fluidised Care (also known as Air-Fluidized Therapy/AFT) is an optimal healing environment that supports patients with conversion of tissue caused by burns, bedsores, ulcers and other exuding wounds as well as patients that require rest in a stable, clean environment to avoid complications.



## How does it work?

### The principle

A patient is kept floating on a mass of tiny glass beads which are ventilated at low pressure by a conditioned airflow. The resulting support medium can be characterized as a “dry fluid”.

### Proportioned filter sheet

The surface of the glass beads is separated from the patient by a generously proportioned filter sheet that allows the patient to “float” freely.

### Minimum interface pressure

The principle is to create perfect envelopment of any individual body shape and redistribute the weight evenly, resulting in extremely low interface pressure, below capillary level.

### Infection Control

The composition of the glass beads (high pH value) in combination with a dry airflow rapidly reduces the bacterial growth in the AFC. All moisture coming from wound exudation, blood, urine, faeces, perspiration, etc will be desiccated, encapsulated and inactivated.



**A patient is kept floating on a mass of tiny glass beads which are ventilated at low pressure by a conditioned airflow. The resulting support medium can be characterized as a “dry fluid”.**

# Our Products

We manufacture two models of Air Fluidised Care, both with their own unique features and advantages. PEARLS™ – Innovative Care and SANDS™ – Proven Care. Both models are appreciated for being user-friendly and for their reliable performance.



“Thanks to the intuitive software navigation, PEARLS™ Air Fluidised Care can be deployed quickly and with little training needed”

Markus Burdis, Manager  
Field-Rental Austria - ARJO

## Standard model

### SANDS™ - Proven Care

SANDS™ is our time-proven Air Fluidised Care model. For more than 25 years now, this product continues to provide reliable care and comfort to many patients in numerous hospitals and medical facilities around the world.



## Premium model

### PEARLS™ - Innovative Care

PEARLS™ is the leading-edge model for Air Fluidised Care. Valued for its technological advancements, it has clinical benefits with a wide variety of uses. PEARLS™ is designed to fit the human body perfectly and is able to bear more



# Distribution Partners

In order to support our end user experience, we work with committed business partners and dealers all over

the world. Our distributors play a vital role in marketing, sales, distribution, installation, training and service support.

---

## Joint spirit

We Care. We Create..together

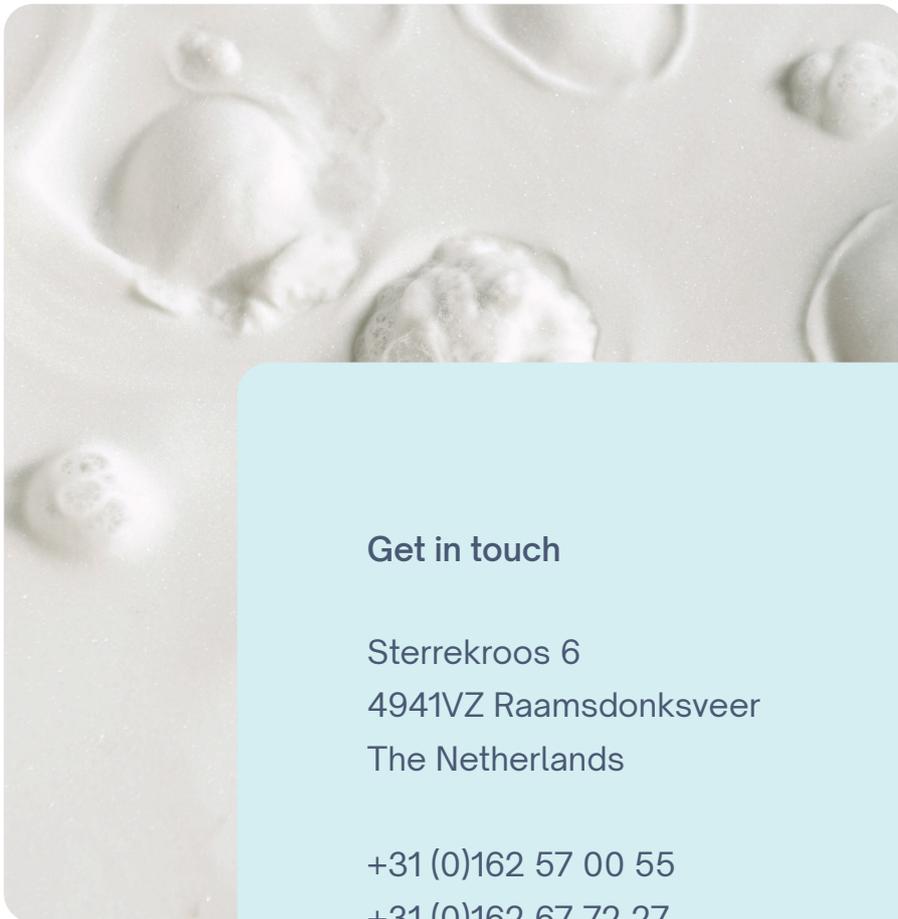
We believe our unique proposition and performance can be beneficial to new markets and as part of innovative business models. We strive to develop these

opportunities with partners who have experience in critical care and long-term care, who are ready to join us with their creative solutions.

**“Thanks to the engaged and motivated Synergie team, we were able to meet or even exceed our customer expectations.”**

Steven Lutgendorff,  
EMEA Service Business Director - Hillrom





### Get in touch

Sterrekroos 6  
4941VZ Raamsdonksveer  
The Netherlands

+31 (0)162 57 00 55

+31 (0)162 67 72 27



**We care. We create.**