



Supporting Opportunities



Company Presentation

December 15th 2017
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A Leader Biomedical Group Company

Introduction and History

1993 - 2007 Foundation and start of FAME Holding

- FAME Holding with complete value chain: Production, analytics & FMP sales force
- Introduction of various technologies and assets (scCO₂, alginate, biomaterials)

2007 - 2014 FAME Holding bought over by AAP Implantate AG, Berlin

- Divestment of non-core products eg: Artecoll, Adcon
- Adherence to GMP & ISO guidance's. FDA registered manufacturer

2014 Acquired by Prof. Lugee Li

- Subsidiary of Leader Biomedical Limited



EMCM was established in 1993 at a leased facility in Nijmegen, catering to the manufacturing of generic medical products.

Today it is a site which features core competencies in the manufacture of High Viscous Suspensions, Gels and Volatile Liquids for the Medical Devices, Pharmaceutical and Biologics medical sectors.



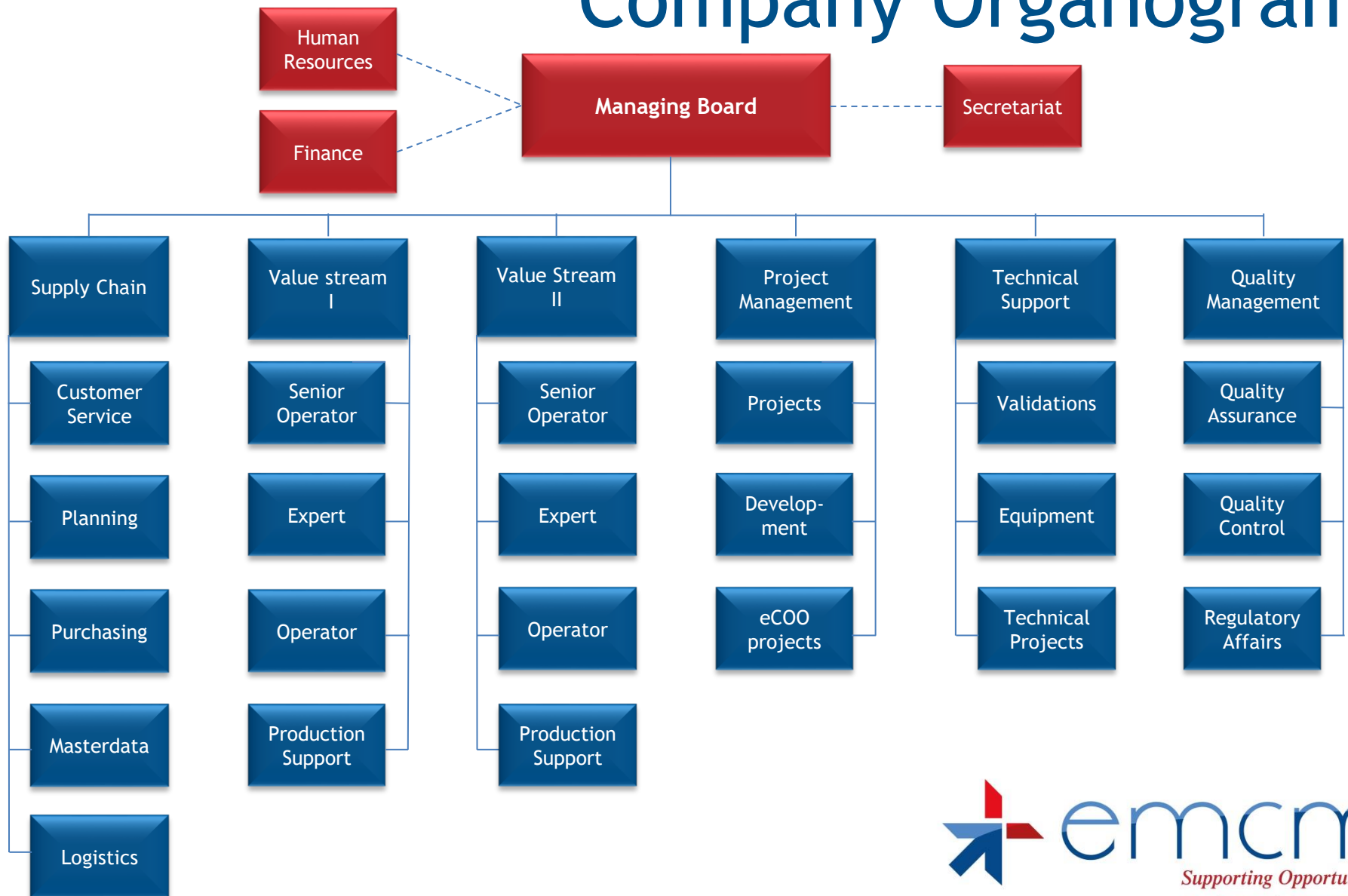
Leader Biomedical Worldwide



- Group Treasury & Headquarter
- Corporate Centre

- Marketing & Sales
- Production Locations

Company Organogram





Quality Systems

ISO 9001:2015

ISO
13485:2016

US FDA
registered
CMO for
Medical
Devices

GMP
Manufacturing
License

EMCM possess various quality accreditations enabling it to service the medical device and pharmaceutical segments ably.

We routinely undergo (un) announced inspections from customers and notified bodies alike such as the IGZ - Netherlands, DEKRA, TUV, ANVISA & US-FDA among others.

In a year EMCM caters to approx. 10 quality audits.



Current Operations

EMCM key figures:

- Approx. 85 employees (75 FTE)
- >60% of personnel in Production and Quality
- Cleanroom area of 1300 sq. mts.
- 5 Cleanrooms A/B
- 18 Cleanrooms C
- 4 Cleanrooms D
- New Separate CR (C) for hormones Q2 2018
- > 15 products in the Medical Device sector
- 4 Pharmaceuticals (oral, injectable, nasal)



EMCM's production capability's

- Bulk Preparation & Fill and Finish of:
 - Ampoules
 - Syringes
 - Vials
 - Pouches
 - Bottles
- Freeze Drying
- Packaging



Current Operations

EMCM own products (CE-files)

- Adcon (anti adhesion gel for spine surgery)
- C-ment (cement for fixation of implants e.g. hip replacement)
- C-plug (prevent leakage of cement in bone marrow)
- Rebasol (in development, Alginate based anti adhesion gel for abdominal surgery)
- Novomem (membrane for dental application made from Porcine Pericardium)



Customer products

- Monomer in ampoules for several customers
- membrane for dental application
- “Vaccine” based on kidney tumour
- Cosmetic filler based on Collagen with PMMA
- Charcoal Suspension against poisonings
- Gentamycin release beads
- Anti-dote for nerve gas attack
- Etc.



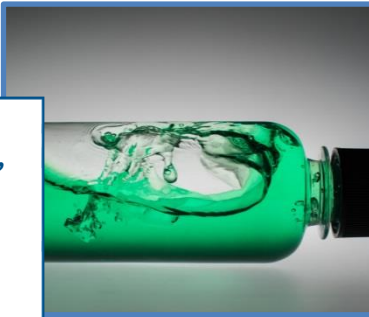
emcm

Supporting Opportunities

A Leader Biomedical Group Company

Full Service CMO

Aseptic
formulation,
mixing,
filling of
aqueous
and organic
solvent



Aseptic mixing
& filling of
moderate to
highly viscous
suspensions



Preparation
filling
and
drying
of gels



Ampoules
Vials
Syringes
Pouches
Bottles



Warehousing &
distribution
All forms of
sterilisation
Secondary
packaging &
storage



Powder filling
& OEM
Freeze drying



EMCM provides custom made and tailored service packages to its customers. It includes purchasing, formulation, filling, packaging, warehousing and distribution.

Flexibility in our services ensures our customers can upscale clinical batches to commercial scale and are supported in global logistics.

Tissues

EMCM's proprietary eCOO® Technology platform makes use of supercritical CO₂ for the delipidisation / sterilisation of biologicals.

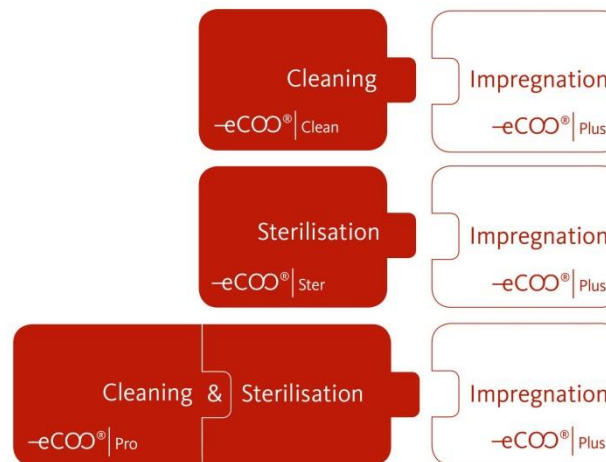
This is being developed as an alternative to the use of Gamma irradiation, ETO or that of harsh chemicals and thus improve biocompatibility of the graft material.



Blood / tissue / fat present

Donor specific proteins

Possibly pathogens present



Porous matrix (allows ingrowth)

Mainly collagen 1 & CaP

Sterile

EMCM Short Movie



EMCM corporate movie 2017.mp4