

Making easy complex technology transfers & old-processes robust and contemporary

Client - A large multinational pharmaceutical company through aggressive mergers and expansion primarily in Europe. Associated with Laurus for 8 years

Program

- Tech-transfer & commercial production of advanced intermediates of hormonal APIs

Challenge

- The tech-transfer of 28 stages across 10 products was a unique challenge considering the process was age-old & like-like RM inputs and equipment was not exactly an option between transferring (client) & receiving site (Laurus)
- The 28 stages involved 50% non-steroidal intermediates, however the remaining intermediates that have a hormonal backbone & require Cat-5 containment facility
- The long and complex transfer activity meant that the facility build-up too is required in parallel

Solution

- Laurus entered into a collaborative business deal with the client wherein Laurus invested in a dedicated production block for the non-hormonal intermediates & client funded the construction of a dedicated facility for handling hormonal intermediates
- Laurus used its core competence of API development, manufacture & regulatory submissions to derisk all aspects of tech-transfer and successfully validated all stages while making most analytical methodology contemporary & RM supplies secure
- Both the production block & production campus were executed in record time and qualified for on-time initiation of commercial supplies against a supply contract

Outcome

- The commercial production was initiated within 3 years of the program initiation and the capacities of individual products were increased to meet the changing client demand
- As on date, the facilities are running to full capacity & meeting total demand of the client & thereby helping client consolidate their dominance in the hormonal segment
- ~15000KG ACROSS MULTIPLE PRODUCTS DELIVERED AS ON DATE.