

Articles

As a worldwide leading expert in the aseptic filling of liquid and lyophilized drugs, Vetter is regularly cited in international media. On this page, you will find recent examples to download.

- ***Wave of the Future***

Author: Thomas Otto

Medium: *BioProcess International*, December 2007

Over the past decade, many companies have begun to focus on new approaches such as life-cycle management to enhance the competitiveness of their existing products. This is due to the growing stringency of regulatory parameters coupled with a decline in the number of new and guaranteed successful drugs in pharmaceutical and biopharmaceutical pipelines.

- ***Product Lifecycle Management***

Medium: *Contract Pharma*, September 2007

Lifecycle Management is an integral part of the success of any product. But in the pharmaceutical industry, it remains something of a special case. Rather than try and maintain their drugs on the market, many companies have until now relied on their ability to keep the pipeline filled with new products. But the number of new drugs has been declining, while development costs have been rising. More than ever, therefore, pharmaceutical companies have been turning to lifecycle management in order to differentiate their products.

- ***Match.Contractmanufacturing: Finding the perfect match***

Author: Max Horn

Medium: *The BioPharm International Guide*, April 2007

Thought it may take a while to find, the right partner supports all stages of development, and is well worth the wait. Contract manufacturing became popular in many industries during the 1990s as a way to meet rising costs and to retool. The pharmaceutical industry has been slow to adopt this practice because of its absolute need for secrecy.

- ***Aseptic Processing: A Vetter Way***

Interview from Walter Morris with Joerg Zimmermann, Vetter

Medium: *PDA Letter*, Issue July/August 2006 (*PDA*)

Vetter Pharma-Fertigung GmbH & Co. KG, a contract manufacturer based in Germany, boasts modern aseptic fill/finish operations that rival the best in the world.

A variety of advanced technologies works seamlessly together like a fine orchestra to create a symphony of high productivity, improved quality and solid compliance that soothes the concern of all Vetter's customers. These technologies include Restricted Access Barrier Systems, continuous particulate monitoring devices, active air sampling via gelatine filtration, and robotics.

Any inquiries about this article please contact PDA at info@pda.org

- ***Services from a Single Source: Creating an Alliance for Success***

Author: Thomas Otto

Medium: *BioProcess International*, Issue July/August 2006 (*BioProcess*)

Regulatory agencies, global competition and the need for speed are just some of the daunting challenges facing a pharmaceutical company launching a new drug. To increase its chances of success incrementally, a company has the option of outsourcing the drug development process and the packaging to an expert in the field. The following article explores the entire spectrum of Vetter's full service approach. With a complete range of state-of-the-art facilities, a broad portfolio of solutions, a productive relationship to the authorities and longstanding experience, Vetter provides support for its clients right from the start, in the early phases of product development.

- ***RABS: Injecting Change into Syringe Drug Delivery***

Author: Joerg Zimmermann

Medium: PMPS, Spring Issue 2006 (Samedan Ltd.)

Most people have witnessed the performance of the physician administering an injection; screwing on the sterilised needle, sticking it into a vial, drawing the medication, checking the level against the light, squirting a little bit out to make sure there was no air trapped in the needle and finally injecting the patient. It all seems to be routine and yet the process involves several risky steps. Was the needle really sterile? Is that drug really in order? Was the dosage accurate? And what happens to those few drops of costly drug that remain at the bottom of the vial?

• ***SixSigma for improved product quality***

Author: Hans-Georg Steier

Medium: Pharmaceutical Commerce, Issue 03/2006

(Pharmaceutical Commerce)

As a leading full service provider of aseptic filling and application systems for pharmaceutical solutions, Vetter Pharma-Fertigung GmbH & Co. KG has always been committed to delivering high-quality products. However, "high-quality" is a journey, not a destination, and in this spirit Vetter has recently implemented a structured quality-optimization program. Our program, called Permanent Process Optimization (PPO), is rooted in the renowned Six Sigma management system.

• ***Delivering Complex Injectables***

Author: Joerg Zimmermann

Medium: OnDrug Delivery, Issue 09/2005 (OnDrugDelivery)

The complexity of some drugs these days represent a genuine challenge to the manufacturer when it comes down to packaging, storing and marketing. The following case study illustrates how one company, Vetter Pharma-Fertigung GmbH & Co. KG from Ravensburg, Germany, has mastered the technique of filling these drugs in aseptically pre-filled systems.

• ***Restricted Access Barrier System Position Paper***

Medium: ISPE

The article was firstly published on the website of ISPE.

Restricted Access Barrier Systems (RABS) represent the latest development in aseptic filling. In fact, RABS is so new, that the FDA has not yet developed a set of guidelines for validation and regulation. Vetter has been one of the pioneers in this new system and has been involved in defining those guidelines.

