

Sanofi's subcutaneous Sarclisa Escena approved in the US as first anticancer treatment administered via on-body injector

- Sarclisa Escena administered via the CirCLIQ® on-body injector (OBI) offers a treatment experience designed with patients and HCPs in mind
- The first anticancer treatment to be administered through an OBI, and the first MM treatment available by both SC OBI and manual SC administration in the US
- Efficacy of Sarclisa now available in SC formulation with innovative OBI across approved combinations and lines of therapy

Paris, July 10, 2026. The US Food and Drug Administration (FDA) has approved subcutaneous (SC) Sarclisa (isatuximab-irfc) Escena in combination with standard-of-care regimens for the treatment of patients with multiple myeloma (MM) across all existing indications of Sarclisa intravenous (IV) formulation. With the approval, Sarclisa Escena is the first anticancer treatment to be administered through both an on-body injector (OBI) and manual SC administration.

The FDA approval was supported by multiple studies, including the pivotal IRAKLIA phase 3 non-inferiority study, which demonstrated Sarclisa Escena administered subcutaneously via an OBI provided similar efficacy, pharmacokinetics and safety compared to IV infusion, along with a significantly shorter treatment time and fewer infusion-related reactions.

*"Multiple myeloma is a malignancy that often requires frequent IV infusions or manual subcutaneous injections. Treatment administration can be a cumbersome experience for patients, while also placing a strain on providers by requiring physical effort to push high-resistance syringes for several minutes," said **Sikander Ailawadhi**, MD, Professor of Medicine, Division of Hematology/Oncology at Mayo Clinic Florida, US, and the principal investigator of the IRAKLIA study. "The comparable efficacy observed across multiple studies and the patient-centric design of the OBI offers an opportunity to impact the patient experience while upholding Sarclisa's consistent efficacy."*

The studies were conducted using Enable Injections' hands-free OBI, an automated injector designed to deliver subcutaneously high-volume medicines with the push of a button, to administer Sarclisa Escena. The OBI uses a retractable 30g needle that is shorter and thinner compared to the needles commonly used for large-volume injections. The approval of Sarclisa Escena with Enable Injections' CirCLIQ OBI – developed using the enFuse® platform – offers the potential to change the overall patient experience in MM treatment.

*"Sarclisa is the cornerstone of our oncology franchise, and we have always been confident in it being widely adopted as a potential best-in-class therapy," said **Manuela Buxo**, Executive Vice President, Head of Specialty Care at Sanofi. "The approval of Sarclisa Escena subcutaneous formulation administered with the CirCLIQ is a definitive step in this direction. More than 70,000 patients worldwide have benefitted from Sarclisa, delivering predictable and important efficacy and safety across multiple combinations and lines of therapy. Today, we are proud to bring innovation that will empower physicians to enhance the treatment experience for patients, offering greater simplicity, flexibility and convenience."*

In addition, the CirCLIQ may streamline the administration process for providers, offering the potential to reduce the physical burden on nurses with a hands-free device and providing more freedom for patient monitoring and interaction.

*"The introduction of Sarclisa Escena with the innovative CirCLIQ on-body injector represents a significant advancement in multiple myeloma care," said **Donna D. Catamero**, ANP-BC, OCN, CCRC, Associate Director, Myeloma Research; Adjunct Faculty, Mount Sinai Phillips School of Nursing and International Myeloma Foundation Nurse Leadership Board member. "For nurses and physicians treating patients with multiple myeloma, this automated system has the potential to meaningfully reduce administrative burden, simplifying how therapy is delivered and giving healthcare teams more capacity to focus on their patients."*

In the [IRAKLIA phase 3 study](#), the first to incorporate the use of an OBI in the treatment of MM, Sarclisa SC administered via an OBI in combination with pomalidomide and dexamethasone (Pd) resulted in a 71.1% (187/263) objective response rate (ORR), compared to 70.5% (189/268) with Sarclisa IV-Pd, establishing non-inferiority (relative risk 1.008; 95% confidence interval: 0.903-1.126), in adult patients with relapsed or refractory MM (R/R MM) who have received at least one prior line of treatment.

The overall safety profile of Sarclisa SC-Pd observed in this study was consistent with the established safety profile of Sarclisa IV-Pd. While 25% of patients treated with Sarclisa IV-Pd experienced systemic administration reactions, 1.5% of patients treated with Sarclisa SC-Pd experienced those reactions. No new safety concerns were observed, except for injection site reactions (ISRs) that occurred in 0.4% of OBI injections (n=19/5,145 injections). Nearly all ISRs were grade 1, except for one episode of grade 2.

The most common adverse reactions ($\geq 20\%$) were upper respiratory tract infection, fatigue, pneumonia, musculoskeletal pain, and diarrhea. The most common hematology laboratory abnormalities ($\geq 40\%$) were decreased leukocytes, decreased neutrophils, decreased lymphocytes, decreased platelets, and decreased hemoglobin.

Sarclisa is currently approved across three indications in the US, including in combination with bortezomib, lenalidomide and dexamethasone in newly diagnosed multiple myeloma (NDMM) patients not eligible for autologous stem cell transplant. In R/R MM, Sarclisa is approved in combination with Pd in patients who have received \geq two prior therapies, including lenalidomide and a proteasome inhibitor and have relapsed on the last therapy, as well as in combination with carfilzomib and dexamethasone in patients who have received one to three prior lines of therapy.

About the IRAKLIA study

IRAKLIA (clinical study identifier: [NCT05405166](#)) was a randomized, open-label, pivotal phase 3 study evaluating the non-inferiority of Sarclisa Escena administered at a fixed dose of 1,400 mg SC in combination with Pd via OBI versus weight-based dosed Sarclisa IV in combination with Pd in adult patients with R/R MM who have received at least one prior line of therapy. The major efficacy measures were ORR, defined as the proportion of patients with stringent complete response (CR), CR, very good partial response, and partial response according to the 2016 International Myeloma Working Group criteria assessed by Independent Review Committee, and observed Sarclisa Escena mean concentration before dosing (C_{trough}) at steady state (pre-dose at cycle 6, dose 1 [C6D1]), defined as observed Sarclisa Escena plasma concentrations.

About Enable Injections

Cincinnati-based Enable Injections is a global healthcare innovation company committed to improving the patient treatment experience through the development and manufacturing of the enFuse® On-Body Delivery System. An innovative wearable technology, the enFuse system is designed to deliver large volumes of pharmaceutical and biologic therapeutics via subcutaneous administration, with the aim of improving convenience, supporting superior outcomes, and advancing healthcare system economics.

For more information, visit www.enableinjections.com.

About Sarclisa

Sarclisa (isatuximab-irfc) has been approved in almost 60 countries across four indications for certain patients with NDMM and R/R MM.

Sarclisa-based regimens have been prescribed to treat more than 70,000 patients worldwide.

Sarclisa SC (Sarclisa Escena in the US), the subcutaneous formulation of Sarclisa, is approved in the US, in the EU, and in the UK, in combination with approved standard-of-care regimens for the treatment of patients with MM across all currently approved indications for Sarclisa IV in these countries. It is the first anticancer treatment to be administered through an OBI, and the only anti-CD38 monoclonal antibody available in MM to offer the flexibility of both SC OBI and manual injection administration. Sarclisa SC is approved in Japan for manual injection and a regulatory submission for the CirCLIQ on-body injector (OBI), based on the enFuse platform and submitted by Enable Injections, is under review.

At Sanofi, we are building on a long-standing commitment to oncology as we continue to chase the miracles of science to improve the lives of those living with cancer. We are committed to transforming cancer care by developing innovative, first and best-in-class immunological and targeted therapies for rare and difficult-to-treat cancers with high unmet need.

For more information on Sarclisa clinical studies, please visit www.clinicaltrials.gov.

About Sanofi

Sanofi is an R&D driven, AI-powered biopharma company committed to improving people's lives and delivering compelling growth. We apply our deep understanding of the immune system to invent medicines and vaccines that treat and protect millions of people around the world, with an innovative pipeline that could benefit millions more. Our team is guided by one purpose: we chase the miracles of science to improve people's lives; this inspires us to drive progress and deliver positive impact for our people and the communities we serve, by addressing the most urgent healthcare, environmental, and societal challenges of our time.

Sanofi is listed on Euronext: SAN and NASDAQ: SNY

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