

**Graduate Program  
(Diplôme Universitaire)  
in  
Value-Based Health Care**

2021/2022

TYPE DE DIPLOME : DIPLOME D'UNIVERSITÉ (DU-DIU)

**DU Value-Based Health Care**

**Field : Sciences, Technologies, Health**

**Areas of expertise: Health; Care; Management; Health economics**

**Duration**

**80 hours**

**School**

**Health School**

**Teaching language**

**English**

**Presentation**

**Program reference : DUM591**

**Academic Director :** Pr Grégory Katz

**Hybrid teaching:** 3 face-to-face sessions and 3 remote sessions

To register, submit your application via [C@nditOnLine](#)

**Academic Director:** Prof. Gregory Katz Chair of Innovation & Value in Health at the University of Paris School of Medicine - [gregory.katz@u-paris.fr](mailto:gregory.katz@u-paris.fr)

**Program coordinator:** Dr. Raquel Correia – [raquel.pereira-correia@u-paris.fr](mailto:raquel.pereira-correia@u-paris.fr)

**Speakers :** Prof. Gregory Katz / Dr. Jens Deerberg / Prof. Chris Gibbons / Pieter de Bey / Paul van der Nat / Dr. Dennis van Veghel / Maarten Akkerman / Dr. Arthur Hayen / Prof. Martin Ingvar / Prof. Stefan James / Prof. Zirui Song / Dr. Sally Lewis / Peter Pitts / Dr. Stefan Larson / Jennifer Clawson / Matt Hickey

**Teaching objectives**

- **Understanding** the founding principles of Value-Based Health Care
- **Learning** from a variety of VBHC ecosystems through immersion visits
- **Using** tools & methods to drive change within healthcare organizations
- **Navigating** the nine steps to implement a VBHC registry in real life
- **Co-working** within a team of multiple stakeholders in tandem with mentors
- **Designing** an action plan to implement a registry on a given pathology

**Learning targets**

By the end of the training, participants will be capable of:

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- **Defining** the different approaches to evaluate health system quality indicators
  - **Using** tools and VBHC techniques to build an outcome-based registry with real-life data
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- **Structuring** an action plan to accelerate the emergence of a VBHC ecosystem
  - **Optimizing** operational efficiency within a multidisciplinary team
  - **Presenting** a VBHC project before a jury
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### Key learnings

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- **Capturing** the founding principles of Value-Based Health Care
  - **Learning** from a variety of VBHC ecosystems through immersion visits
  - **Using** tools & methods to drive changes within healthcare organizations
  - **Navigating** the nine steps framework to implement a VBHC registry in real life
  - **Co-creating** with a team an action plan to implement an outcome-based ecosystem
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## Practical organization

**Program reference:** DUM591

**Schedule:** From July 1<sup>st</sup> to December 16<sup>th</sup> 2022

**Course duration:** 82 hours, including 60 hours of lectures and practical cases, 15 hours of tutoring and 7 hours of evaluations. Hybrid format: 3 face-to-face sessions and 3 remote sessions.

### Organization

- Six teaching modules from July to December
- Two teaching days each month on Friday & Saturday from 9.30 to 18.00
- Half of the sessions will be held in-person or remotely
- The 2-day immersion visit will take place in the Netherlands

### Tuitions

- €6,000 for participants with 50% discount for PhD candidates & residents (upon certificate)
- This rate includes the teaching material, lunches & coffee breaks
- Tuitions exclude travel expenses (transportation, lodging, meals except for lunches)

**Location:** Necker campus + 1 immersion visit to the Netherlands + online course + ICHOM conference

### Pedagogical content

The graduate program in VBHC is based on a learn by doing pedagogical approach. It does not only aim to make people understand VBHC, or justify why they are interested in it, but rather how to implement it.

This pedagogical ambition implies a specific architecture for VBHC integrating :

- The acquisition of VBHC concepts and models
- The analysis of VBHC case studies in various contexts
- The transmission of a toolbox (PROM instruments, scorecards, statistical methods, digital tools, etc.)
- Immersion visits to interact on site with pioneering VBHC teams

Team coordination by VBHC mentors

## Syllabus

### MODULE 1

1<sup>st</sup> and 2<sup>nd</sup> July 2022, face-to-face session, Necker campus  
Measuring Value

1. Introduction to Value-Based Health Care (Prostate cancer), Prof. Gregory Katz
2. The VBHC Implementation Matrix (Cataracts), Prof. Gregory Katz
3. Team workshop with mentors
4. Measuring Costs: Time-Driven Activity-Based Costing (Osteo-arthritis), Dr. Jens Deerberg (RoMed Hospitals)
5. Standardizing outcome measurement (Oncology), Prof. Chris Gibbons (University of Texas, MD Anderson)

### MODULE 2

26<sup>th</sup> and 27<sup>th</sup> August 2022, immersion visit in the Netherlands  
Benchmarking healthgains

1. Benchmarking medical teams: internal & external comparisons (Breast cancer), Pieter de Bey, Paul van der Nat (Santeon)
2. Outcome-based contracting with health insurers (Rhumatoïd Arthritis), Dr. Arthur Hayen (Menzis)
3. Team workshop with mentors
4. Auditing outcome benchmarks (Cardiology), Dr. Dennis van Veghel (Netherlands Heart Registry)
5. Outpatient chronic care clinic (Type-1 diabetes), Maarten Akkerman (Diabeter)

### MODULE 3

30<sup>th</sup> September and October 1<sup>st</sup> 2022, remote session  
Improving Healthcare

1. Interoperability, data capture & shared learning, Prof. Martin Ingvar (Karolinska Institute)
2. Transforming care pathways, Prof. Ewa Roos (University of Southern Denmark)
3. Team workshop with mentors, Mentors
4. Patients' perspective and involvement in shared decision-making, Prof. Morten Kildal (Uppsala Academic Hospital)
5. Registry randomized clinical trials (Heart failure), Prof. Stefan James (Uppsala Academic Hospital)

### MODULE 4

28<sup>th</sup> and 29<sup>th</sup> October 2022, remote session  
Rewarding high-value Care

1. Medicare for all & value-based incentives, Prof. Zirui Song (Harvard Medical School)
2. NHS Wales' value agenda, Dr. Sally Lewis (NHS Wales)
3. Regulators' perspectives on PRO data, Peter Pitts (CMPI, former FDA Commissioner)
4. How hospital procurement unlocks value-based health care, Stefan Larson (Co-founder, ICHOM), Jennifer Clawson (BCG), Matt Hickey (AXA Health UK, Health Value Alliance)
5. Team workshop with mentors

**MODULE 5**

25<sup>th</sup> and 26<sup>th</sup> November 2022, remote session  
ICHOM Conference

1. Building a VBHC culture and organizational structure enabling change, ICHOM expert panels
2. ICHOM benchmarking platform and machine-readable standards, ICHOM expert panels
3. Value-based contracting and payment models, ICHOM expert panels
4. Team workshop with mentors

**MODULE 6**

16<sup>th</sup> December 2022, face-to-face session, Necker  
Evaluation

Poster presentations with experts and mentors

## **Educational committee**

**Recrutement jury:**

- Pr Xavier Jeunemaitre, professeur de génétique à l'UFR de médecine et doyen de la Faculté de santé d'Université de Paris.
- Pr Philippe Ruszniewski, professeur de pancréatologie et directeur de l'UFR de médecine d'Université de Paris.
- Pr Gérard Friedlander, professeur de physiologie à l'UFR de médecine et directeur général de la Fondation d'Université de Paris.
- Dr Juan-Fernando Ramirez, docteur en physiologie cardio-pulmonaire diplômé de l'université Paris-Descartes 1997 et spécialisé dans les affaires médicales au sein de l'industrie.
- Séverine Coquerelle
- Peter Pitts

**Graduation jury:**

- Pr Gregory Katz,
- Peter Pitts

## **Evaluation**

To graduate the program, participants must pass an evaluation based on the assignments presented below:

- 1 written case study report;
- 1 executive report following the immersion visits;
- 1 written report on process mapping or cost analysis or a scorecard,
- 1 poster presentation
- Oral interactions during sessions

**Graduation criteria**

- Full attendance\*
- Average assignment grade: 10/20
- Class behaviour

\*In case of COVID restrictions, face-to-face sessions will be held remotely.

## Admissions

**Diversity of profiles**

We welcome participants with various professional backgrounds ranging from:

- Healthcare professionals
- Managers from healthcare organizations
- Leaders from medtech & biopharma companies
- Representatives from patient associations
- Civil servants from health authorities
- Decision makers from public or private payer organizations
- Researchers, PhD candidates, residents

**Requirements**

Admission to the course requires an [application](#) via C@nditOnline :

- Upload your Curriculum Vitae
- A motivation letter
- For PhD candidates and residents: please share your status certificate
- Validate and send

Based on these documents, an interview with the jury will be scheduled.

## Tuitions

**TRAINING FEES\* according to your profile**

- For anyone with or without full or partial coverage: **6000 €**
- For 4 employees of Astra Zeneca and Air Liquide (limited to 2 participants per partner) : **0 €**
- For anyone financing their training alone and being PhD candidates & medical residents: **3000 €** (upon certificate in your CanditOnLine file)

\*These rates include the teaching material, lunches and coffee breaks. They exclude travel expenses (transportation, lodging, meals except for lunches).

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**APPLICATION FEES\*\* : 300 €** (note: if you are already enrolled in a National Diploma at the Université de Paris in the same academic year, you are exempt from application fees – school certificate to be submitted in CandiOnLine).

\*\*The rates for training fees and application fees are subject to change by the University authorities

### **Financial support**

Financial support can be allocated on a case by case basis. To learn more about your eligibility please contact the pedagogical coordinator, Dr. Raquel Correia, [raquel.pereira-correia@u-paris.fr](mailto:raquel.pereira-correia@u-paris.fr)

PS : On demand, payment can be fragmented into three installments.

### **Information request**

Please contact the pedagogical coordinator

Dr. Raquel Correia, [raquel.pereira-correia@u-paris.fr](mailto:raquel.pereira-correia@u-paris.fr), Chair of Innovation & Value in Health University of Paris School of Medicine, Necker Campus, 160, rue de Vaugirard 75015 Paris, France

**Administrative:** Please contact the Pôle Formation Continue Universitaire (FCU) by email at [inscription.dudiu.medecine@scfc.parisdescartes.fr](mailto:inscription.dudiu.medecine@scfc.parisdescartes.fr)

To know more about this program please refer to our website : <http://www.chair-innovation-value.eu/>