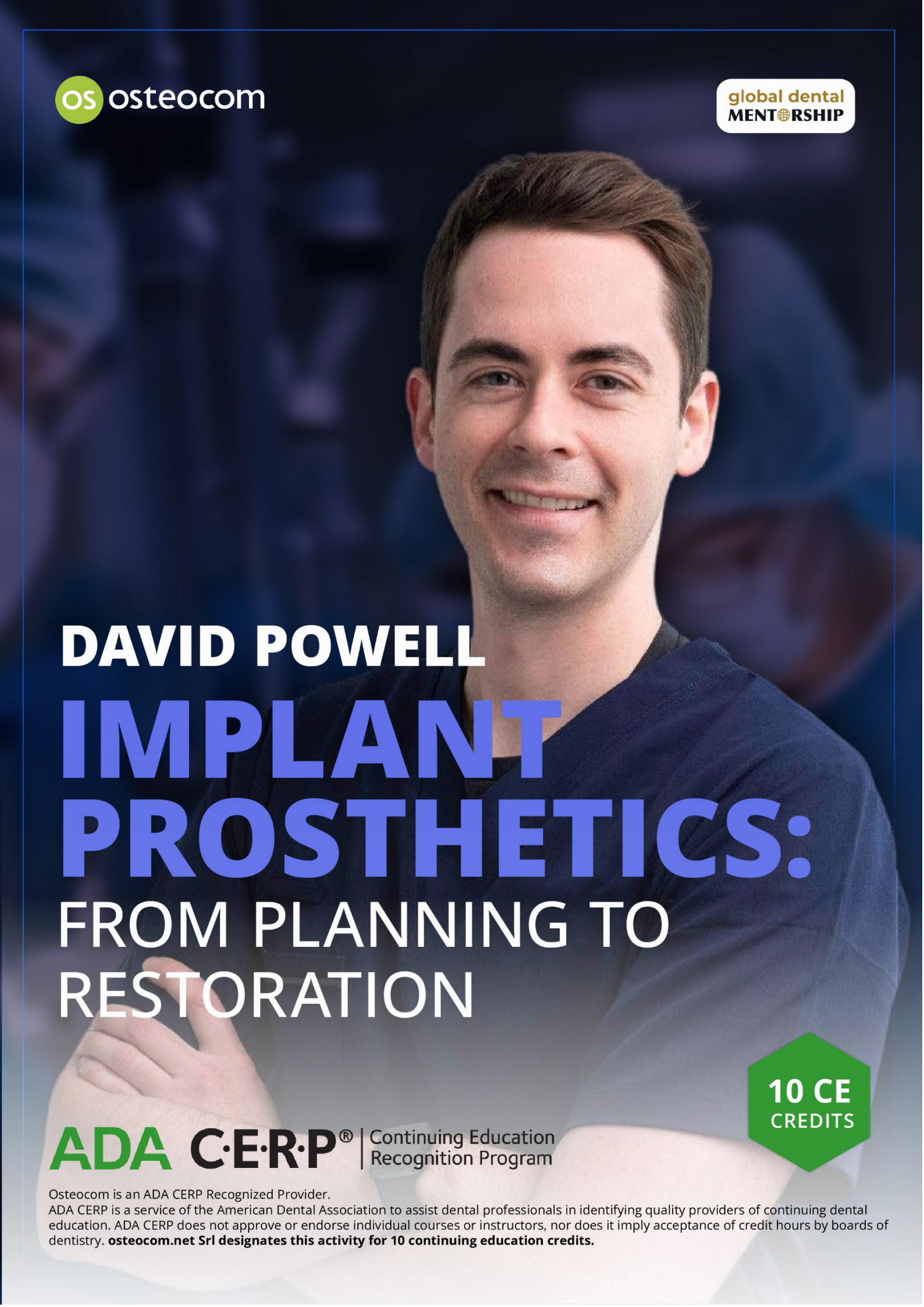
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DAVID POWELL

IMPLANT PROSTHETICS:

FROM PLANNING TO RESTORATION

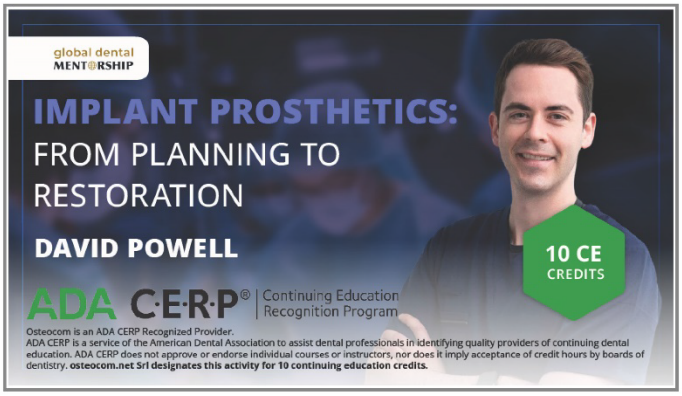
10 CE CREDITS

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Implant Prosthetics: from Planning to Restoration

By Dr. Dave Powell



LEVELS

Difficulty Advanced

Theory ●●●●●

Practice ●●●●

KEY INFO

English

On Demand

Prosthodontics

10h 30min

9 Video Lectures

Clinical Yes

10 CE CREDITS

SUMMARY

Topic:

Learn the secrets of a predictable and efficient prosthetically-driven implant surgery

Objectives:

The concept of prosthetically driven treatment
Overview of digital implant planning
Implant positioning parameters
Pre-surgical prosthodontic planning
Platform position and various surgical guides
Considerations for provisional implant restorations
Step-by-step overview of provisional implant restoration fabrication
Impression technique: analog VS digital workflow
Components and material selection
Ensure that your implant treatments meet functional and aesthetic standards

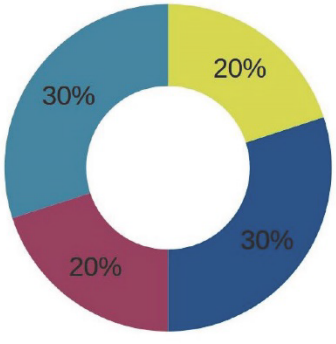
WHY TO ENROL:

1- The video course offers a detailed and up-to-date overview of surgical protocols for implant prosthetic restorations, covering every stage. Participants will gain a deep understanding of the entire process.

2- the course provides expert insights into the rationale behind selecting the best components and materials, as well as the use of both analogue and digital workflows for case planning and impression taking.

3- The course emphasizes prosthetically driven treatment, digital implant planning, and proper communication with dental laboratories, ensuring highly aesthetic and functional outcomes for patients.

SKILLS YOU WILL LEARN



- Pre-Surgical Planning
- Digital and Analogue Workflow
- Design and Create Restorations
- Insertion Protocol

Channel Description:

Dr. Dave Powell and **osteocom** welcome you to "**Implant Prosthetics: from Planning to Restoration**", the new learning experience designed to provide participants with an **up-to-date** and comprehensive **overview** of **surgical protocols** for **implant prosthetic restorations**.

Dr. Dave Powell will describe in detail **every stage** of the work; from **diagnosis** to **treatment planning**, from **communication** with the **laboratory** for the creation of the **provisional prosthesis** to implant **design** and **insertion**, and finally to the **healing phase** and the delivery of the **definitive** restoration.

Particular attention will be paid to the rationale behind the **selection** of the best **components** and **materials**, as well as to **analogue** and **digital workflows** for case **planning** and **impression taking**.

Participants will be able to observe the application of the concepts illustrated in the course through **various clinical clips**.

Join Dr Powell to manage every restorative case **predictably** and **safely**, even in the **frontal area**, being able to ensure highly **aesthetic** as well as functional outcomes for your patients.

In particular, this course will focus on:

- The concept of **prosthetically driven** treatment
- Overview of **digital implant planning**
- Implant **positioning** parameters
- Pre-surgical prosthodontic **planning**
- **Platform** position and various **surgical guides**
- Considerations for provisional **implant restorations**
- Step-by-step overview of **provisional implant** restoration fabrication
- Impression technique: **analog** vs **digital** workflow
- **Components** and **material** selection

At the end of the course, you'll be able to:

- Ensure that your **implant treatments** meet **functional** and **aesthetic standards**
- Understand **all phases** of implant treatment, particularly focusing on **single-unit applications**
- Assess, **design**, and **plan** before **surgery** to reach outstanding outcomes
- Merge **CBCT** and **intraoral scan data** for precise planning
- Manage **interproximal contacts** and modify emergence profiles
- **Design** prosthesis: **screw** vs **cement** retained restorations
- Properly **communicate** with the **dental laboratory**
- Efficiently select the proper **component** and **material**: translucency, biological stability, strength and longevity
- Avoid **common errors** in prosthodontic restorations

Who is the course for?
Participation in this video course is particularly recommended to all **prosthetists** who wish to have a timely update on the most modern and effective **implant restorative protocols**. All working steps will be explored in step-by-step mode and clinical videos will be shown to observe the **practical implementation of the presented theoretical concepts**.

Ok, but how does it work?
This **10 hour** and **30 minutes** course is divided into **9 video lectures** that you can find by accessing your personal osteocom area from any device and downloading from the osteocom mobile app, available on iOS and Android.

Video Lecture 1 - Pre-surgical prosthodontic planning - Part I - (1h 41min)
Description:

This first video lesson aims to **introduce** participants to the **topics** that will be addressed throughout the course.

Dr Powell describes the **purpose** and main **steps** involved in **prosthetic restoration** with **dental implants**.

From **pre-surgical planning** to the evaluation of **systemic and local factors**, from **impression-taking** and implant **fabrication** and **design** to **insertion** protocols, each stage is described and explored thoroughly.

In particular, this lesson covers the following topics:

- The **prosthodontic workflow** for dental implant restoration
- **Different types** of implant restorations: **single** unit, **multiple** unit, and **full-arch**
- How to achieve **implant stability**: length, material, diameter, size, emergence profile, depth, and angulation
- **Case selection** and treatment **planning** protocol
- **Restorative workflow**: exams, digital records, ct scan, planning, surgery, healing and restoration

Video Lecture 2 - Pre-surgical prosthodontic planning - Part II - (34min)
Description:
In this lesson, Dr Powell describes the **factors** that must be considered and **evaluated** by the practitioner during the **pre-restorative phase**.

Special attention is paid to the **planning** and **fabrication** of **temporaries**, and Dr Powell discusses **two clinical cases** in which pre-surgical planning proved to be an **extremely useful tool** for achieving an excellent final result.

In particular, this lesson covers the following topics:

- Parameters of **implant health**
- Considerations for **provisional implant** restorations
- **Provisional** implant restoration **fabrication** (step by step)
- **Impression** component selection
- Implant position **planning** and restoration **insertion**
- **Post-operative care** and healing phase

Video Lecture 3 - Pre-restorative assessment (37min)
Description:

This video lesson focuses on the **clinical restorative sequence**, described by Dr. Powell as structured in **5 basic stages**: pre-restorative **assessment**, **impression**, **design**, **manufacturing**, and **insertion**.

Participants will gain a thorough understanding of which factors require more attention from the clinician, always bearing in mind that the **ultimate goal** is to place **definitive restorations** in the **aesthetic area** as well.

In particular, this lesson covers the following topics:

- How to understand when a **provisional restoration is needed**
- **Pre-restorative assessment**: confirmation of osseointegration
- Assess **soft tissue** and **radiographic** appearance of implants
- Provisional restoration **fabrication stage**
- How to identify the **proper implant platform** diameter and the correct **abutment** connection type

Video Lecture 4 - Final impressions for single-unit implant restorations (1h 22min)
Description:
In this presentation, Dr Powell describes in depth the **impression-taking protocol** for creating **single-unit restorations**, as well as the **main differences** between an **analogue** and a **digital workflow** and the advantages and simplicity of the latter.

In particular, this lesson covers the following topics:

- How to **provide enough info** for the **dental lab** to fabricate the restoration
- Impression taking protocol: **analog vs digital workflow**
- **Component selection** between replica, open tray, closed tray, scan body and ios replica
- **Conventional impression** concept: open vs closed tray
- Image capture and **scanning strategy**: use and purpose of scan bodies
- **Poor scan strategies**, bite interferences, distorted scan bodies, and other **common errors**

Video Lecture 5 - Design considerations for implant restorations - Part I - (58min)
Description:
Through this presentation, participants will understand how the clinician has an extremely active and **primary role** in **guiding the laboratory** in the **fabrication** of the **implant restoration**.

Dr Powell illustrates the **possible options** to choose from: diameter, angulation, depth, platform, emergence profile, components, and materials.

In order to achieve optimal restorations from both a **functional and aesthetic perspective**, it is crucial to select the best **components** and **materials**, such as **abutments** and **crowns** made from zirconia, glass ceramic, or titanium.

In particular, this lesson covers the following topics:
- The **design** of dental implant restorations
- Different options for **implant crowns**
- Vertical VS horizontal **emergence profiles**
- **Modifiable** restorative **parameters**: emergence profile, components & materials, morphology, and occlusion
- Parameters to consider when choosing components and materials: **prosthetic longevity** and **biological response**
- **Materials**: zirconia, glass ceramic or titanium

Video Lecture 6 - Design considerations for implant restorations - Part II (1h 24)
Description:
In this video lesson, Dr Powell discusses the parameters to consider when **choosing materials** and **components** for your restorations: **aesthetics**, **retrievability**, and **cost**.

Dr Powell shows **several clinical cases** in which he used different types of **crowns**: anterior implant crowns, posterior implant restorations, and long posterior implant restorations.

In particular, this lesson covers the following topics:
- **Aesthetics**: the degree of translucency of the material and its color

- **Retrievability**: cement-retained vs screw-retained
- **Custom** abutment vs **stock** abutment
- **Angulated screw** channel abutment
- **Morphology** and **occlusion design** of the restoration

Video Lecture 7 - Manufacturing for implant restorations (50min)
Description:
The **communication** between the **clinician** and the **laboratory technician** is thoroughly investigated in this lesson.

Dr Powell discusses **all stages** of the **fabrication process**, distinguishing between digital and analog workflows, and presents a clinical case managed with a **fully digital protocol**.

In particular, this lesson covers the following topics:

- **Lab communication** and prescriptions
- **Analogue** workflow
- **Digital** workflow
- **3D printing** process and 3D printed models

Video Lecture 8 - Insertion of single-unit implant restorations (1h 26min)
Description:
In this lesson, Dr Powell discusses the **insertion** of an **implant supported crown**, focusing on the importance of **examining** the **restoration** prior to the appointment day with the patient.

Particular attention is paid to the **evaluation** of the **interproximal contact points** and to the need to modify the emergence profiles.

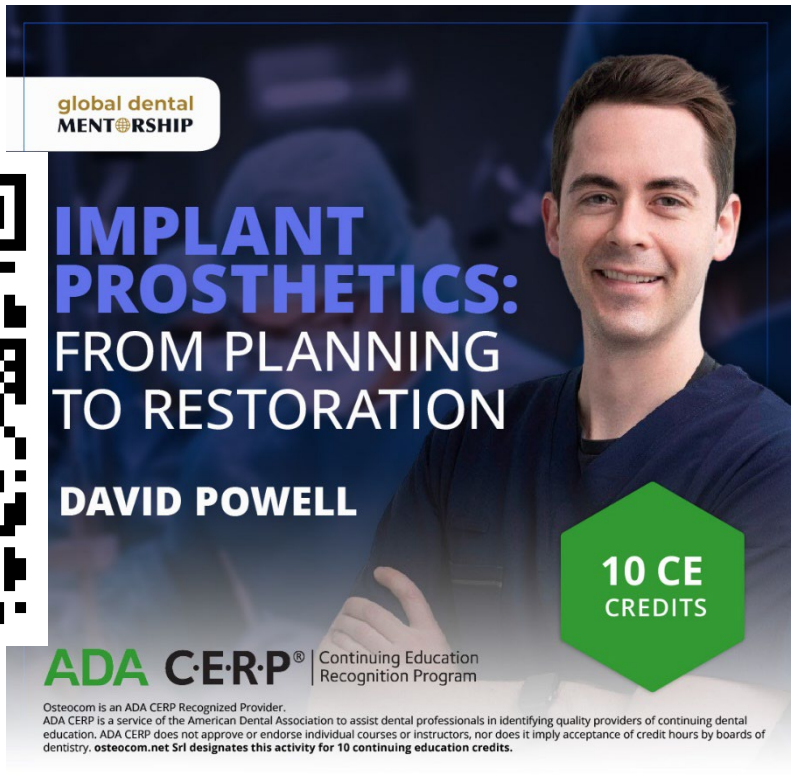
In particular, this lesson covers the following topics:
- **Interproximal contact** points: **open** contact vs **tight** contact
- **Occlusion** checking and **shade** approval
- Access **hole closure**

Video Lecture 9 - Considerations for multiple-unit implant restorations (1h 33min)
Description:

After focusing primarily on single-unit implants, in this final video lesson, Dr Powell concentrates on **multiple-unit implants** and **clinical cases** in which this solution is considered valid and most effective.

In particular, this lesson covers the following topics:

- **Implant** level vs **abutment level** restorations
- **Component** selection
- **Splinted** vs **separate** multiple units
- Assess the need for **pink porcelain**
- Prosthesis **insertion protocol**



Scan the code and enter the course


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