

Estudio: **MÁSTER DE FORMACIÓN PERMANENTE EN TRICOLOGÍA Y TRASPLANTE CAPILAR - EDICIÓN INTERNACIONAL**

Código Plan de Estudios: **FB51**

Año Académico: **2025-2026**

#### ESTRUCTURA GENERAL DEL PLAN DE ESTUDIOS:

CURSO	Obligatorios		Optativos		Prácticas Externas	TFM/Memoria/ Proyecto	Créditos Totales
	Créditos	Nº Asignaturas	Créditos	Nº Asignaturas	Créditos	Créditos	
1º	50	14				10	60
2º							
<b>ECTS TOTALES</b>	<b>50</b>	<b>14</b>				<b>10</b>	<b>60</b>

#### PROGRAMA TEMÁTICO:

##### ASIGNATURAS OBLIGATORIAS

Código Asignatura	Curso	Denominación	Carácter OB/OP	Créditos
702804	1	INTRODUCCIÓN, ANATOMÍA Y FISIOLÓGÍA DEL FOLÍCULO PILOSEBÁCEO. EXPLORACIÓN Y PRUEBAS DIAGNÓSTICAS	OB	3
702805	1	DERMATOPATOLOGÍA EN TRICOLOGÍA. PATOLOGÍAS DEL CUERO CABELLUDO	OB	3
702806	1	CLASIFICACIÓN DE LAS ALOPECIAS. DISPLASIAS PILOSAS. ALOPECIAS CONGÉNITAS. EFLUVIOS	OB	3
702807	1	ALOPECIA ANDROGENÉTICA	OB	3
702808	1	ALOPECIA AREATA. ALOPECIA POR FACTORES EXTERNOS, ENFERMEDADES SISTÉMICAS Y EN SITUACIONES ESPECIALES	OB	4
702809	1	ALOPECIAS CICATRICIALES. ALOPECIAS CICATRICIALES PRIMARIAS LINFOCÍTICAS	OB	4
702810	1	A. CICATRICIALES 1ªS NEUTROFÍLICAS, MIXTAS. A. CICATRICIALES 2ªS. INVESTIGACIÓN, NUEVOS TRATAMIENTOS	OB	4
702811	1	HIPERTRICOSIS E HIRSUTISMO. COSMÉTICA CAPILAR	OB	3
702812	1	TRASPLANTE CAPILAR: INTRODUCCIÓN, INDICACIONES Y ASPECTOS TÉCNICOS	OB	3
702813	1	TRASPLANTE CAPILAR: TÉCNICA FUT Y TÉCNICA FUE	OB	4
702814	1	DISPOSITIVOS PARA TRASPLANTE. ÁREAS ESPECIALES. EQUIPO AUXILIAR. CREAR UNA UNIDAD DE TRICOLOGÍA	OB	6

702815	1	UNIDAD DE TRICOLOGÍA, ORGANIZACIÓN Y TÉCNICAS DE EXPLORACIÓN. CLASES MAGISTRALES RESUMEN	OB	3
702816	1	UNIDAD DE TRASPLANTE CAPILAR. VISUALIZACIÓN DE REALIZACIÓN DE UN TRASPLANTE CAPILAR	OB	3
702817	1	REALIZACIÓN DE TRASPLANTE CAPILAR TIPO FUT Y TIPO FUE SUPERVISADO	OB	4
<b>TRABAJO FIN DE MÁSTER/MEMORIA /PROYECTO</b>				
<b>Código Asignatura</b>	<b>Curso</b>	<b>Denominación</b>	<b>Carácter OB/OP</b>	<b>Créditos</b>
705777	1	TRABAJO FIN DE MÁSTER	OB	10

Carácter: OB - Obligatoria; OP – Optativa

## GUÍA DOCENTE

Año académico	2025-2026	
Estudio	Máster de Formación Permanente en Tricología y Trasplante Capilar – Edición Internacional	
Nombre de la asignatura	INTRODUCCIÓN, ANATOMÍA Y FISIOLOGÍA DEL FOLÍCULO PILOSEBÁCEO. EXPLORACIÓN Y PRUEBAS DIAGNÓSTICAS	
Carácter (Obligatoria/Optativa/Prácticas/TFM)	OB	
Créditos (1 ECTS=25 horas)	3	
Modalidad (elegir una opción)		Presencial (más del 80% de las sesiones son presenciales)
		Híbrida (sesiones on-line entre el 40% y 60%, resto presencial)
	X	Virtual (al menos el 80% de las sesiones son on-line o virtuales)
Profesor/es responsable/s	Sergio Vañó	
Idioma en el que se imparte	Español/Inglés	

### PROFESORES IMPLICADOS EN LA DOCENCIA

Cristina Serrano Falcón  
 Fernando Alfageme Roldán  
 Ángela Hermosa  
 Leonardo Spagnolo  
 David Saceda  
 Daniel Asz  
 Rodrigo Pirmez  
 Adriana Rakowska  
 Bruna Duque-Estrada  
 Joan Ferrando Barberá  
 Cristina Pindado

### DISTRIBUCIÓN DE HORAS

Número de horas presenciales/on-line asistencia profesor/a	30
Número de horas de trabajo personal del estudiante	45
Total horas	75

### CONTENIDOS (Temario)

- Anatomía y fisiología del folículo.
- Historia clínica, exploración y analítica en tricología.
- Clasificación de las alopecias.
- Protocolización para la toma de fotografías clínicas y tricoscópicas

- Tricoscopia:
  - Técnica e instrumentos.
  - Tricoscopia. Signos básicos
  - Tricoscopia en alopecia androgénica masculina y femenina.
  - Trichoscopy of alopecia areata, trichotillomania and other forms of non-scarring hair loss.
  - Trichoscopy of lichen planopilaris and frontal fibrosing alopecia
  - Trichoscopy of folliculitis decalvans.
  - Trichoscopy in discoid Lupus Erythematosus and dissecting cellulitis
  - Ecografía del folículo piloso y la alopecia.

#### RESULTADOS DE APRENDIZAJE (indicar un mínimo de tres y máximo de cinco)

- Conocer la Anatomía del folículo piloso
- Aprender la fisiología del folículo piloso
- Aprender las técnicas de exploración y pruebas necesarias en la consulta de tricología.

#### SISTEMA DE EVALUACIÓN

Examen tipo test

#### SEGUIMIENTO DEL PROGRESO DEL ESTUDIANTE

- Acceso a la plataforma virtual
- Entrega examen en plazo y forma

#### BIBLIOGRAFÍA

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Profesor/a responsable	Sergio Vañó	
Idioma en el que se imparte	Español/Inglés	

### PROFESORES IMPLICADOS EN LA DOCENCIA

Luis Requena Caballero  
 Ángel Santos Briz  
 María Miteva  
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 Javier del Boz González  
 Gonzalo Segurado Miravalles  
 Daniel Fernández Melo

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### CONTENIDOS (Temario)

#### **Dermatopatología del folículo pilo-sebáceo.**

- Histopatología del folículo piloso y otros anejos cutáneos.
- Histopatología de las alopecias no cicatriciales.
- Histopathology of cicatricial alopecias.
- Puntos clave en el diagnóstico histopatológico de las alopecias cicatriciales.

**Patologías del cuero cabelludo: dermatitis seborreica, infecciones. Tratamiento.**

- Seborrheic dermatitis and scalp psoriasis.
- Tiñas del cuero cabelludo.
- Otras infecciones del cuero cabelludo.
- Tumores primarios del cuero cabelludo.
- Erosive pustular dermatosis of the scalps

**RESULTADOS DE APRENDIZAJE (indicar un mínimo de tres y máximo de cinco)**

- Comprender la histopatología del folículo piloso, segmentos, diferenciaciones y ciclo folicular.
- Entender la histopatología de las distintas alopecias, tanto cicatriciales como no cicatriciales de cara a poder realizar un diagnóstico preciso.
- Saber identificar los distintos tipos de patologías que podemos encontrar en el cuero cabelludo y ser capaces de prescribir el tratamiento específico a cada caso concreto.

**SISTEMA DE EVALUACIÓN**

Examen tipo test

**SEGUIMIENTO DEL PROGRESO DEL ESTUDIANTE**

- Acceso a la plataforma virtual
- Entrega examen en plazo y forma

**BIBLIOGRAFÍA**

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## GUÍA DOCENTE

Año académico	2025-2026	
Estudio	Máster de Formación Permanente en Tricología y Trasplante Capilar – Edición Internacional	
Nombre de la asignatura	CLASIFICACIÓN DE LAS ALOPECIAS. DISPLASIAS PILOSAS. ALOPECIAS CONGÉNITAS. EFLUVIOS	
Carácter (Obligatoria/Optativa/Prácticas/TFM)	OB	
Créditos (1 ECTS=25 horas)	3	
Modalidad (elegir una opción)		Presencial (más del 80% de las sesiones son presenciales)
		Híbrida (sesiones on-line entre el 40% y 60%, resto presencial)
	x	Virtual (al menos el 80% de las sesiones son on-line o virtuales)
Profesor/a responsable	Sergio Vañó	
Idioma en el que se imparte	Español	

### PROFESORES IMPLICADOS EN LA DOCENCIA

Juan Ferrando Barberá  
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### DISTRIBUCIÓN DE HORAS

Número de horas presenciales/on-line asistencia profesor/a	30
Número de horas de trabajo personal del estudiante	45
Total horas	75

### CONTENIDOS (Temario)

#### **Clasificación alopecias. Displasias pilosas y alopecias congénitas.**

- Clasificación de las Alopecias.
- Atriquias e hipotricosis. Displasias ectodérmicas.
- Alopecias congénitas no sindrómicas.
- Displasias pilosas.

- Alopecias in childhood an adolescence
- Alopecia areata infantil

**Efluvio telógeno y efluvio anágeno.**

- Introducción: Fisiología del cabello aplicada al ciclo capilar.
- Efluvio anagénico.
- Efluvio Telogénico.
- Alopecia por fármacos.

**RESULTADOS DE APRENDIZAJE (indicar un mínimo de tres y máximo de cinco)**

- Diferenciar los distintos tipos de alopecias, tanto congénitas: cicatriciales y no cicatriciales como adquiridas: cicatriciales y no cicatriciales, así como sus patrones clínicos.
- Identificar cuándo estamos ante un efluvio anagénico o telogénico, así como el tratamiento en cada caso.
- Conocer qué fármacos pueden producir reacciones capilares, tanto alopecias, hipertrichosis o hirsutismo como otras reacciones por ejemplo alteraciones en color y forma del cabello y las medidas terapéuticas disponibles.

**SISTEMA DE EVALUACIÓN**

Examen tipo test

**SEGUIMIENTO DEL PROGRESO DEL ESTUDIANTE**

- Acceso a la plataforma virtual
- Entrega examen en plazo y forma

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## GUÍA DOCENTE

Año académico	2025-2026	
Estudio	Máster de Formación Permanente en Tricología y Trasplante Capilar – Edición Internacional	
Nombre de la asignatura	ALOPECIA ANDROGENÉTICA	
Carácter (Obligatoria/Optativa/Prácticas/TFM)	OB	
Créditos (1 ECTS=25 horas)	3	
Modalidad (elegir una opción)		Presencial (más del 80% de las sesiones son presenciales)
		Híbrida (sesiones on-line entre el 40% y 60%, resto presencial)
	x	Virtual (al menos el 80% de las sesiones son on-line o virtuales)
Profesor/a responsable	Sergio Vañó	
Idioma en el que se imparte	Español/Inglés	

### PROFESORES IMPLICADOS EN LA DOCENCIA

Salvador Arias Santiago  
David Saceda  
Sergio Vañó Galván  
Juan Jiménez Cahué

### DISTRIBUCIÓN DE HORAS

Número de horas presenciales/on-line asistencia profesor/a	30
Número de horas de trabajo personal del estudiante	45
Total horas	75

### CONTENIDOS (Temario)

#### Alopecia androgénica

- Metabolismo androgénico de la alopecia androgenética.
- Alopecia femenina.
- Alopecia androgenética masculina.
- Novedades en el tratamiento de la alopecia androgenética

### RESULTADOS DE APRENDIZAJE (indicar un mínimo de tres y máximo de cinco)

- Conocer los principales andrógenos implicados en la regulación del metabolismo folicular y cómo esos andrógenos determinan la alopecia AGA femenina y masculina
- Saber cuándo solicitar un estudio hormonal en pacientes con AGA.

- Reconocer la AGA en hombres, mujeres, niños y adolescentes. Ser capaz de diagnosticarla correctamente y prescribir el tratamiento adecuado a cada caso concreto

### SISTEMA DE EVALUACIÓN

Examen tipo test

### SEGUIMIENTO DEL PROGRESO DEL ESTUDIANTE

- Acceso a la plataforma virtual
- Entrega examen en plazo y forma

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- Vañó-Galván S, Camacho F. Novedades terapéuticas en tricología. *Actas Dermosifiliogr.* 2016.

## GUÍA DOCENTE

Año académico	2025-2026	
Estudio	Máster de Formación Permanente en Tricología y Trasplante Capilar – Edición Internacional	
Nombre de la asignatura	ALOPECIA AREATA. ALOPECIA POR FACTORES EXTERNOS, ENFERMEDADES SISTÉMICAS Y EN SITUACIONES ESPECIALES	
Carácter (Obligatoria/Optativa/Prácticas/TFM)	OB	
Créditos (1 ECTS=25 horas)	3	
Modalidad (elegir una opción)		Presencial (más del 80% de las sesiones son presenciales)
		Híbrida (sesiones on-line entre el 40% y 60%, resto presencial)
	X	Virtual (al menos el 80% de las sesiones son on-line o virtuales)
Profesor/a responsable	David Saceda	
Idioma en el que se imparte	Español/Inglés	

### PROFESORES IMPLICADOS EN LA DOCENCIA

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Daniel Ortega Quijano  
Sergio Vañó  
David Saceda  
Diego Buendía

### DISTRIBUCIÓN DE HORAS

Número de horas presenciales/on-line asistencia profesor/a	40
Número de horas de trabajo personal del estudiante	60
Total horas	100

### CONTENIDOS (Temario)

#### **Alopecia areata**

- Epidemiología y patogenia de la alopecia areata
- Evaluación de la alopecia areata (escala SALT y otros métodos)
- What's new in the treatment of Alopecia Areata.
- Corticoides en alopecia areata: infiltraciones y uso sistémico
- Fármacos sistémicos en alopecia areata
- Inmunoterapia tópica
- JAK inhibitors in alopecia areata

**Alopecia por factores externos**

- Tricotilomanía y alopecia por tracción.
- Alopecias por enfermedades sistémicas.
- Alopecias en situaciones especiales y embarazo.
- El pelo en el paciente oncológico.

**RESULTADOS DE APRENDIZAJE (indicar un mínimo de tres y máximo de cinco)**

- Identificar las diferentes formas clínicas de alopecia areata, comorbilidades y patogenia.
- Conocer los diferentes métodos de diagnóstico de la AA
- Seleccionar de las distintas opciones terapéuticas para el tratamiento de la AA la adecuada para nuestro paciente
- Diferenciar cuando estamos ante tricotilomanías o alopecias traccionales diagnóstico y tratamiento.
- Conocer qué enfermedades sistémicas pueden interferir en los folículos pilosos.
- Asimilar los cambios que se producen en el embarazo que pueden dar lugar a efluvios.

**SISTEMA DE EVALUACIÓN**

Examen tipo test

**SEGUIMIENTO DEL PROGRESO DEL ESTUDIANTE**

- Acceso a la plataforma virtual
- Entrega examen en plazo y forma

**BIBLIOGRAFÍA**

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## GUÍA DOCENTE

Año académico	2025-2026	
Estudio	Máster de Formación Permanente en Tricología y Trasplante Capilar – Edición Internacional	
Nombre de la asignatura	ALOPECIAS CICATRICIALES. ALOPECIAS CICATRICIALES PRIMARIAS LINFOCÍTICAS	
Carácter (Obligatoria/Optativa/Prácticas/TFM)	OB	
Créditos (1 ECTS=25 horas)	3	
Modalidad (elegir una opción)	<input type="checkbox"/>	Presencial (más del 80% de las sesiones son presenciales)
	<input type="checkbox"/>	Híbrida (sesiones on-line entre el 40% y 60%, resto presencial)
	<input checked="" type="checkbox"/>	Virtual (al menos el 80% de las sesiones son on-line o virtuales)
Profesor/a responsable	David Saceda	
Idioma en el que se imparte	Español	

### PROFESORES IMPLICADOS EN LA DOCENCIA

Ángela Hermosa Gelbard  
Rocío Gil Redondo  
David Saceda Corralo  
Marta Rubio Lombraña

### DISTRIBUCIÓN DE HORAS

Número de horas presenciales/on-line asistencia profesor/a	40
Número de horas de trabajo personal del estudiante	60
Total horas	100

### CONTENIDOS (Temario)

- Alopecias cicatriciales: conceptos, clasificación y mecanismo
- Liquen plano pilar
- Variantes clínicas de liquen plano pilar
- AFF: teorías etiopatogénicas, comorbilidades y clínica
- AFF: manejo terapéutico
- Lupus discoide, alopecia mucinosa y queratosis folicular espinulosa decalvante

### RESULTADOS DE APRENDIZAJE (indicar un mínimo de tres y máximo de cinco)

- Identificar los diferentes tipos de alopecias cicatriciales, claves histopatológicas, diagnóstico.
- Reconocer el liquen plano folicular así como sus variantes, histología y diferentes tratamientos

- Conocer las diferentes manifestaciones clínicas de la AFF junto con su manejo terapéutico.
- Identificar el lupus discoide, la alopecia mucinosa y la queratosis folicular espinulosa decavante.
- Clínica, histología y tratamiento.

### SISTEMA DE EVALUACIÓN

Examen tipo test

### SEGUIMIENTO DEL PROGRESO DEL ESTUDIANTE

- Acceso a la plataforma virtual
- Entrega examen en plazo y forma

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## GUÍA DOCENTE

Año académico	2025-2026	
Estudio	Máster de Formación Permanente en Tricología y Trasplante Capilar – Edición Internacional	
Nombre de la asignatura	A. CICATRICIALES 1 <sup>as</sup> NEUTROFÍLICAS, MIXTAS. A. CICATRICIALES 2 <sup>as</sup> . INVESTIGACIÓN, NUEVOS TRATAMIENTOS	
Carácter (Obligatoria/Optativa/Prácticas/TFM)	OB	
Créditos (1 ECTS=25 horas)	3	
Modalidad (elegir una opción)		Presencial (más del 80% de las sesiones son presenciales)
		Híbrida (sesiones on-line entre el 40% y 60%, resto presencial)
	X	Virtual (al menos el 80% de las sesiones son on-line o virtuales)
Profesor/a responsable	Sergio Vañó	
Idioma en el que se imparte	Español/Inglés	

### PROFESORES IMPLICADOS EN LA DOCENCIA

Ana Laura Melián Olivera  
 Rocío Gil  
 Antonela Tosti  
 María Antonia Fernández Pugnaire  
 Pablo Fernández-Crehuet Serrano  
 Sergio Vañó Galván  
 Pablo Fonda Pascual  
 Rubina Alvéz  
 David Saceda

### DISTRIBUCIÓN DE HORAS

Número de horas presenciales/on-line asistencia profesor/a	40
Número de horas de trabajo personal del estudiante	60
Total horas	100

### CONTENIDOS (Temario)

#### **Alopecias cicatriciales primarias neutrofílicas y mixtas. Alopecias cicatriciales secundarias.**

- Foliculitis decalvante
- Celulitis disecante
- Cicatricial alopecias in V and VI phototypes
- Alopecias cicatriciales mixtas
- Alopecias cicatriciales secundarias

### Investigación en tricología y nuevos tratamientos

- Elaboración de un estudio científico en tricología. Metodología, criterios de evaluación y publicación.
- Estado actual del láser de baja potencia en la alopecia.
- Tratamiento de la alopecia con plasma rico en plaquetas. Definición, clasificación y evidencia científica.
- Mesoterapia con dutasterida: realización, eficacia y seguridad

### RESULTADOS DE APRENDIZAJE (indicar un mínimo de tres y máximo de cinco)

- Reconocer cuándo nos encontramos antes una alopecia cicatricial neutrofílica, folliculitis decalvante y celulitis disecante. Clínica, diagnóstico y tratamiento.
- Identificar las alopecias cicatriciales mixtas, dermatosis erosiva y pustulosa del cuero cabelludo, acné queiloideo de la nuca y acné necrótico. Clínica. diagnóstico diferencial y tratamiento
- Clasificar las diferentes alopecias secundarias
- Conocer las claves para publicar con éxito un estudio científico en tricología.
- Actualización de los nuevos tratamientos disponibles en el mercado para las alopecias.

### SISTEMA DE EVALUACIÓN

Examen tipo test

### SEGUIMIENTO DEL PROGRESO DEL ESTUDIANTE

- Acceso a la plataforma virtual
- Entrega examen en plazo y forma

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- Platelet-rich Plasma as a Potential Treatment for Non cicatricial Alopecias. Gkini Maria-Angeliki, Kouskoukis Alexandros-Efstratios, Rigopoulos Dimitris, Kouskoukis Konstantinos *Int J Trichology*. 2015 Apr-Jun; 7(2): 54–63.
- Análisis estadística: SAS 9.2 (SAS Institute Inc., Cary, NC).  $P < 0.05$ : estadísticamente significativo

## GUÍA DOCENTE

Año académico	2025-2026	
Estudio	Máster de Formación Permanente en Tricología y Trasplante Capilar – Edición Internacional	
Nombre de la asignatura	HIPERTRICOSIS E HIRSUTISMO. COSMÉTICA CAPILAR	
Carácter (Obligatoria/Optativa/Prácticas/TFM)	OB	
Créditos (1 ECTS=25 horas)	3	
Modalidad (elegir una opción)		Presencial (más del 80% de las sesiones son presenciales)
		Híbrida (sesiones on-line entre el 40% y 60%, resto presencial)
	X	Virtual (al menos el 80% de las sesiones son on-line o virtuales)
Profesor/a responsable	David Saceda	
Idioma en el que se imparte	Español	

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### DISTRIBUCIÓN DE HORAS

Número de horas presenciales/on-line asistencia profesor/a	30
Número de horas de trabajo personal del estudiante	45
Total horas	75

### CONTENIDOS (Temario)

#### Hipertriosis e hirsutismo. Clasificación.

- Hipertriosis congénitas generalizadas y localizadas.
- Síndrome SAHA.
- Hirsutismo ovárico, suprarrenal e hipofisario.
- Métodos de depilación

**Cosmética capilar: características cosméticas del cabello, cosméticos capilares, sistemas de integración capilar, prótesis capilares, microfibras, tricopigmentación. Métodos de depilación: procedimientos físicos, químicos y láser.**

- Propiedades físicas tallo piloso y cosméticos capilares.
- Alteraciones en el tallo/cuero cabelludo por procedimientos o cosméticos capilares.
- Sistemas de integración capilar, prótesis capilares y microfibras.
- Micropigmentación y microblading.

#### RESULTADOS DE APRENDIZAJE (indicar un mínimo de tres y máximo de cinco)

- Conocer los mecanismos patogénicos de la hipertrichosis y su clasificación
- Saber identificar posibles trastornos asociados y complicaciones de las hipertrichosis generalizadas congénitas
- Diferenciar cuándo estamos ante un caso de hipertrichosis y cuándo de hirsutismo y elección terapéutica.
- Conocer en profundidad el síndrome SAHA, patogenia, diagnóstico diferencial atendiendo a la escala de Ferriman y Gallwey modificada, patrones, marcadores serológicos, estudios de imagen y tratamiento tanto local como sistémico combinado con otros tratamientos como depilación láser en su caso.
- Analizar los productos de cosmética capilar disponibles en el mercado, las alteraciones que pueden producir algunos procedimientos y las soluciones estéticas para tratar de disimular la alopecia.

#### SISTEMA DE EVALUACIÓN

Examen tipo test

#### SEGUIMIENTO DEL PROGRESO DEL ESTUDIANTE

- Acceso a la plataforma virtual
- Entrega examen en plazo y forma

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## GUÍA DOCENTE

Año académico	2025-2026	
Estudio	Máster de Formación Permanente en Tricología y Trasplante Capilar – Edición Internacional	
Nombre de la asignatura	TRASPLANTE CAPILAR: INTRODUCCIÓN, INDICACIONES Y ASPECTOS TÉCNICOS	
Carácter (Obligatoria/Optativa/Prácticas/TFM)	OB	
Créditos (1 ECTS=25 horas)	4	
Modalidad (elegir una opción)	<input type="checkbox"/>	Presencial (más del 80% de las sesiones son presenciales)
	<input type="checkbox"/>	Híbrida (sesiones on-line entre el 40% y 60%, resto presencial)
	<input checked="" type="checkbox"/>	Virtual (al menos el 80% de las sesiones son on-line o virtuales)
Profesor/a responsable	David Saceda	
Idioma en el que se imparte	Español	

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### DISTRIBUCIÓN DE HORAS

Número de horas presenciales/on-line asistencia profesor/a	40
Número de horas de trabajo personal del estudiante	60
Total horas	100

### CONTENIDOS (Temario)

**Introducción. Recuerdo anatomo-fisiológico del folículo. Tipos de cirugía capilar. Historia de la cirugía capilar. Cirugía capilar antes del trasplante de microinjertos foliculares.**

- Recuerdo anatomo-fisiológico del folículo.
- Historia de cirugía capilar.
- Tipos de cirugía capilar.
- Cirugía capilar antes del trasplante de microinjertos foliculares.

**Trasplante de unidades foliculares: concepto, tipos, resultados, complicaciones. Indicaciones y selección del paciente. Fases del trasplante capilar. Orientaciones para el diseño del trasplante.**

- 1.Revisión general del estado actual del Trasplante de unidades foliculares.
  - Concepto general y tipos de trasplante
  - Factores que condicionan la supervivencia de los injertos
  - Resultados clínicos que se pueden conseguir
  - Listado y comentario de posibles complicaciones:
  - Cicatrices, sangrado, ausencia o escaso crecimiento de los injertos trasplantados, resultados antiestéticos no naturales (por qué los vemos todavía), etc.
- 2.Fases de la técnica de Trasplante de unidades foliculares.
  - Preoperatorio (analítica previa, sedación oral)
  - Anestesia de la zona donante
  - Extracción de las unidades foliculares de la zona donante
  - Anestesia de la zona receptora
  - Implantación de los injertos
  - Tiempo operatorio
  - Postoperatorio
- 3.Indicaciones y Selección del Paciente.
  - Qué alopecias se pueden trasplantar y cuáles no se deben.
  - Alopecias androgenéticas (hombre, mujer)
  - Cicatriciales (primarias, secundarias)
  - Otras
  - Cómo seleccionar al buen candidato a trasplante:
  - Variables a tener en cuenta (Densidad zona donante, extensión de alopecia zona receptora, expectativas del paciente, etc.)
- 4.Orientaciones generales en el diseño del trasplante.
  - Planificación general del trasplante
  - Diseño de la línea de implantación frontal en el hombre y la mujer
  - Diseño del trasplante en vertex (coronilla)
5. Trasplante capilar en mujeres

**RESULTADOS DE APRENDIZAJE (indicar un mínimo de tres y máximo de cinco)**

- Conocer las características anatómicas y funcionales de la unidad folicular elemento básico antes de realizar un trasplante capilar.
- Analizar los tipos de trasplante capilar, resultados clínicos y posibles complicaciones, identificando los tipos de alopecias para los que está indicado y comprendiendo la importancia de una adecuada selección del paciente para el éxito de la cirugía
- Aprender a realizar un correcto diseño del área a trasplantar, tanto en hombres como en mujeres.
- Identificar las distintas etapas que se transcurren en la realización de un trasplante.

**SISTEMA DE EVALUACIÓN**

Examen tipo test

**SEGUIMIENTO DEL PROGRESO DEL ESTUDIANTE**

- Acceso a la plataforma virtual
- Entrega examen en plazo y forma

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## GUÍA DOCENTE

Año académico	2025-2026	
Estudio	Máster de Formación Permanente en Tricología y Trasplante Capilar – Edición Internacional	
Nombre de la asignatura	TRASPLANTE CAPILAR: TÉCNICA FUT Y TÉCNICA FUE	
Carácter (Obligatoria/Optativa/Prácticas/TFM)	OB	
Créditos (1 ECTS=25 horas)	4	
Modalidad (elegir una opción)	<input type="checkbox"/>	Presencial (más del 80% de las sesiones son presenciales)
	<input type="checkbox"/>	Híbrida (sesiones on-line entre el 40% y 60%, resto presencial)
	<input checked="" type="checkbox"/>	Virtual (al menos el 80% de las sesiones son on-line o virtuales)
Profesor/a responsable	Sergio Vañó	
Idioma en el que se imparte	Español	

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 José Rogerio Regis

### DISTRIBUCIÓN DE HORAS

Número de horas presenciales/on-line asistencia profesor/a	40
Número de horas de trabajo personal del estudiante	60
Total horas	100

### CONTENIDOS (Temario)

**Técnica FUT: Strip. Ventajas, desventajas, indicaciones, aspectos técnicos, postoperatorio, resultados. Casos prácticos.**

- Introducción. Indicaciones. Ventajas y desventajas técnicas FUT.
- Aspectos técnicos, valoración pre-quirúrgica.
- Sutura tricofítica o convencional. Cuidados post-operatorios. Segundas intervenciones.
- Casos clínicos técnica FUT.

**Técnica FUE. Ventajas, desventajas, indicaciones, aspectos técnicos, postoperatorio, resultados. Casos prácticos.**

- Ventajas y desventajas. Aspectos técnicos.
- Indicaciones.
- FUE postoperative
- FUE: Megasessions. Advantages and disadvantages.
- Técnica FUE. Casos clínicos.

**RESULTADOS DE APRENDIZAJE (indicar un mínimo de tres y máximo de cinco)**

- Profundizar en las técnicas FUT y FUE, que permita indicar a cada paciente la mejor solución a su caso concreto.
- Identificar ventajas y desventajas de cada una de las técnicas.
- Conocer los cuidados postoperatorios que requiere cada procedimiento.
- Analizar los resultados a través de casos prácticos de cada una de las técnicas.

**SISTEMA DE EVALUACIÓN**

Examen tipo test

**SEGUIMIENTO DEL PROGRESO DEL ESTUDIANTE**

- Acceso a la plataforma virtual
- Entrega examen en plazo y forma

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- Shahmoradi Z, Abtahi-Naeini B, Pourazizi M. Erosive pustular dermatosis of the scalp following hair transplantation. *Adv Biomed Res*. 2014 Aug 22;3:176.
- Yamamoto k. Double trichophytic closure with wavy two layered closure for optimal hair transplantation scar. *Dermatol Surg*. 2012; 38: 664-9
- Yeo S. et al. Simplified V-Shape Incision Technique for Saving Hair Follicles *Arch Aesthetic Plast Surg*. 2014 Jun;20(2):104-108.
- MANFRED W.G. LUCAS M.D. The Use of Minigrafts in Hair Transplantation Surgery. *Dermatologic Surgery*. Volume 14, Issue 12

## GUÍA DOCENTE

Año académico	2025-2026	
Estudio	Máster de Formación Permanente en Tricología y Trasplante Capilar – Edición Internacional	
Nombre de la asignatura	DISPOSITIVOS PARA TRASPLANTE. ÁREAS ESPECIALES. EQUIPO AUXILIAR. CREAR UNA UNIDAD DE TRICOLOGÍA	
Carácter (Obligatoria/Optativa/Prácticas/TFM)	OB	
Créditos (1 ECTS=25 horas)	6	
Modalidad (elegir una opción)	<input type="checkbox"/>	Presencial (más del 80% de las sesiones son presenciales)
	<input type="checkbox"/>	Híbrida (sesiones on-line entre el 40% y 60%, resto presencial)
	<input checked="" type="checkbox"/>	Virtual (al menos el 80% de las sesiones son on-line o virtuales)
Profesor/a responsable	Sergio Vañó	
Idioma en el que se imparte	Español	

### PROFESORES IMPLICADOS EN LA DOCENCIA

Sergio Vañó Galván	Teresa Meyer
Marta Rubio Lombraña	Antonio Alcaide Martín
Alba Gómez Zubiaur	Christian Bisanga
Néstor Carreño Orellana	Pedro Jaén Olasolo
Rui Oliveira -Soares	Lourdes Diaz
Ana Murillo Cabrera	

### DISTRIBUCIÓN DE HORAS

Número de horas presenciales/on-line asistencia profesor/a	60
Número de horas de trabajo personal del estudiante	90
Total horas	150

### CONTENIDOS (Temario)

**Dispositivos para trasplante capilar: gafas-lupa, material quirúrgico, microscopios, implanters, SAFER, robot. Trasplante capilar en cejas, pestañas y otras áreas corporales.**

- Dispositivos para trasplante capilar: gafas-lupa, material quirúrgico, microscopios.
- Qué es lo que se requiere como mínimo para iniciar con Trasplante capilar en consultorio. Implanters.
- SAFER.
- Trasplante capilar en cejas, pestañas y otras áreas corporales.
- Trasplante capilar de pestañas.
- Aplicación del Trasplante capilar en úlceras que no cicatrizan.

**Formación no médica del equipo auxiliar: técnicos cortadores, enfermería, cuidados pre y postquirúrgicos, personal administrativo, atención telefónica.**

**1. Formación de Técnicos Especializados en Cirugía Capilar.**

- *Slivering: disección de la Tira obtenida en filas de Unidades Foliculares para facilitar y acelerar el proceso de corte.*
- *Cutting (Corte): Disección de Unidades Foliculares. Métodos de disección (empleo de lupas o estereomicroscopios), ventajas y desventajas de cada técnica.*
- *Placing (Implantación): Método de implantación de Unidades Foliculares en la zona receptora. Métodos de implantación (Forceps Implantation, Hair Implanter, etc). Ventajas y desventajas de las diferentes técnicas.*

**2. Enfermería en cirugía capilar.**

- *Preparación del paciente antes de técnica FUSS y antes de técnica FUE.*
- *Medicación, anestesia, manejo de complicaciones en la sala de Cirugía y supervisión de técnicos de trasplante.*

**3. Cuidados pre y post-operatorios.**

- *Cuidados Preoperatorios.*
- *Día de la Intervención. Aspectos a tener en cuenta.*
- *Cuidados Postoperatorios. Claves médicas.*
- *Adecuado seguimiento del paciente.*

**4. Personal Administrativo y Comercial.**

- *El papel de internet.*
- *Gestión de una Clínica especializada en Trasplante Capilar. Maximización del tiempo y de los recursos.*

**Creación de una Unidad de Tricología y Trasplante Capilar: aspectos legales, administrativos.**

**Marketing. Personal y material necesario. Plan económico.**

- Aspectos legales y administrativos de unidad trico/trasplante.
- Marketing.
- Personal y material.

Plan económico.

**RESULTADOS DE APRENDIZAJE (indicar un mínimo de tres y máximo de cinco)**

- Identificar otras zonas donde está indicado realizar trasplante capilar además de en el cuero cabelludo.
- Conocer cómo crear una unidad de tricología y trasplante capilar, qué opciones hay disponibles en el mercado y qué es lo mínimo e imprescindible que se necesita para empezar, incluyendo aspectos legales, económicos y de marketing.
- Incidir en la necesidad de tener un equipo auxiliar especializado y formado tanto equipo técnico, enfermería y auxiliares y personal de administración.

**SISTEMA DE EVALUACIÓN**

Examen tipo test

**SEGUIMIENTO DEL PROGRESO DEL ESTUDIANTE**

- Acceso a la plataforma virtual
- Entrega examen en plazo y forma

## BIBLIOGRAFÍA

- Unger W, Unger R, Wesley C. Estimating the Number of Lifetime Follicular Units: A Survey and Comments of Experienced Hair Transplant Surgeons. *Dermatol Surg.* 2012;1-6
- Feily A, Moeineddin F. Feily's method as new mode of hair grafting in prevention of scalp necrosis even in dense hair transplantation. *Dermatol Pract Concept.* 2015 Jul 31;5(3):41-6.
- Frechet, P. Donor harvesting with invisible scar. *Hair Transplant Forum International.* 2005; 15(4):119, 120.
- Gho CG, Neumann HA. Advances in Hair Transplantation: Longitudinal Partial Follicular Unit Transplantation. *Curr Probl Dermatol.* 2015 Feb;47:150-7
- Gho CG, Neumann HA. The influence of preservation solution on the viability of grafts in hair transplantation surgery. *Plast Reconstr Surg Glob Open.* 2014 Jan 6;1(9):e90.
- Gupta AK, Lyons DC, Daigle D. Progression of surgical hair restoration techniques. *J Cutan Med Surg.* 2015 Jan-Feb;19(1):17-21.
- Huang YL, Chang SL, Lee MC, Chang CH, Hu S, Gold MH. Measuring occipital scalp laxity before donor strip harvesting in hair transplantation. *J Drugs Dermatol.* 2014 Oct;13(10):1248-52
- Jimenez F, Shiell RC. The Okuda papers: an extraordinary--but unfortunately unrecognized--piece of work that could have changed the history of hair transplantation. *Exp Dermatol.* 2015 Mar;24(3):185-6.
- Liu JQ, Zhao KB, Feng ZH, Qi FZ. Hair follicle units promote re-epithelialization in chronic cutaneous wounds: A clinical case series study. *Exp Ther Med.* 2015 Jul;10(1):25-30.
- Loganathan E, Sarvajnamurthy S, Gorur D, Suresh DH, Siddaraju MN, Narasimhan RT. Complications of hair restoration surgery: a retrospective analysis. *Int J Trichology.* 2014 Oct;6(4):168-72.
- Nirmal B, Somiah S, Sacchidanand SA. Reply to expert comments - a study of donor area in follicular unit hair transplantation. *J Cutan Aesthet Surg.* 2014 Apr;7(2):139.
- Nirmal B, Somiah S, Sacchidanand SA. A study of donor area in follicular unit hair transplantation. *J Cutan Aesthet Surg.* 2013 Oct;6(4):210-3
- Nirmal B. et al. A study of donor area in follicular unit hair transplantation. *J Cutan Aesthet Surg.* 2013; 6(4): 210-213
- Marzola, M. Trichophytic closure of the donor area. *Hair Transplant Forum International.* 2005; 15(4):113, 116.
- Park HS, Kim JY, Choe YS, Han W, An JS, Seo KK. Alternative method for creating fine hairs with hair removal laser in hair transplantation for hairline correction. *Ann Dermatol.* 2015 Feb;27(1):21-5.
- Poswal A. A comment on A Study of Donor Area in Follicular Unit Hair Transplantation. *J Cutan Aesthet Surg.* 2014 Jan;7(1):68-9.
- Rogers NE. Hair transplantation update. *Semin Cutan Med Surg.* 2015 Jun;34(2):89-94
- Rose PT. Hair restoration surgery: challenges and solutions. *Clin Cosmet Investig Dermatol.* 2015 Jul 15;8:361-70
- Rose, P. "Ledge" closure utilizing de-epithelialization of the inferior border. *Hair Transplant Forum International.* 2005; 15(4):120.
- Siefferman J, Khelemsky Y. Occipital neuralgia after hair transplantation and its treatment. *Case Rep Neurol Med.* 2015;2015:428413
- Shahmoradi Z, Abtahi-Naeini B, Pourazizi M. Erosive pustular dermatosis of the scalp following hair transplantation. *Adv Biomed Res.* 2014 Aug 22;3:176.
- Yamamoto k. Double trichophytic closure with wavy two layered closure for optimal hair transplantation scar. *Dermatol Surg.* 2012; 38: 664-9
- Yeo S. et al. Simplified V-Shape Incision Technique for Saving Hair Follicles *Arch Aesthetic Plast Surg.* 2014 Jun;20(2):104-108.
- MANFRED W.G. LUCAS M.D. The Use of Minigrafts in Hair Transplantation Surgery. *Dermatologic Surgery.* Volume 14, Issue 12

## GUÍA DOCENTE

Año académico	2025-2026	
Estudio	Máster de Formación Permanente en Tricología y Trasplante Capilar – Edición Internacional	
Nombre de la asignatura	UNIDAD DE TRICOLOGÍA, ORGANIZACIÓN Y TÉCNICAS DE EXPLORACIÓN. CLASES MAGISTRALES RESUMEN	
Carácter (Obligatoria/Optativa/Prácticas/TFM)	OB	
Créditos (1 ECTS=25 horas)	3	
Modalidad (elegir una opción)		Presencial (más del 80% de las sesiones son presenciales)
		Híbrida (sesiones on-line entre el 40% y 60%, resto presencial)
	x	Virtual (al menos el 80% de las sesiones son on-line o virtuales)
Profesor/a responsable	Sergio Vañó	
Idioma en el que se imparte	ESPAÑOL	

### PROFESORES IMPLICADOS EN LA DOCENCIA

Sergio Vañó Galván  
Pedro Jaén Olasolo  
David Saceda Corralo  
Ángela Hermosa  
Enara Marrodán  
Cristina Pindado

### DISTRIBUCIÓN DE HORAS

Número de horas presenciales/on-line asistencia profesor/a	30
Número de horas de trabajo personal del estudiante	45
Total horas	75

### CONTENIDOS (Temario)

- **El trasplante capilar paso a paso**
  - Tipos e indicaciones
  - Diseño y preparación del paciente
  - Anestesia y procedimiento quirúrgico (extracción – procesamiento de unidades foliculares - incisiones – implantación). Vídeos quirúrgicos.
  - Fin de la cirugía: cuidados postoperatorios y recomendaciones
- **Estudio de casos en tricología.**

**RESULTADOS DE APRENDIZAJE (indicar un mínimo de tres y máximo de cinco)**

- Conocer cómo organizar una unidad de tricología.
- Aprender a manejar las técnicas de exploración que se utilizan en la consulta diaria, incidiendo en la importancia de la tricoscopia como elemento diagnóstico.
- Reforzar la identificación de las alopecias más frecuentes tanto cicatriciales como no cicatriciales y algoritmos terapéuticos.

**SISTEMA DE EVALUACIÓN**

Evaluación individual del tutor asignado.

**SEGUIMIENTO DEL PROGRESO DEL ESTUDIANTE**

Observación directa

**BIBLIOGRAFÍA**

## GUÍA DOCENTE

Año académico	2025-2026	
Estudio	Máster de Formación Permanente en Tricología y Trasplante Capilar – Edición Internacional	
Nombre de la asignatura	UNIDAD DE TRASPLANTE CAPILAR. VISUALIZACIÓN DE REALIZACIÓN DE UN TRASPLANTE CAPILAR	
Carácter (Obligatoria/Optativa/Prácticas/TFM)	OB	
Créditos (1 ECTS=25 horas)	3	
Modalidad (elegir una opción)	x	Presencial (más del 80% de las sesiones son presenciales)
		Híbrida (sesiones on-line entre el 40% y 60%, resto presencial)
		Virtual (al menos el 80% de las sesiones son on-line o virtuales)
Profesor/a responsable	SERGIO VAÑÓ	
Idioma en el que se imparte	ESPAÑOL	

### PROFESORES IMPLICADOS EN LA DOCENCIA

Sergio Vañó Galván Pedro Jaén Olasolo David Saceda Corralo Enara Marrodan Alba Gómez Zubiaur	Cristina Serrano Daniel Ortega Diego Buendía Juan Jiménez	Ramón Pigém Ángela Hermosa Jose María Mir Bonafé Ana Murillo
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### DISTRIBUCIÓN DE HORAS

Número de horas presenciales/on-line asistencia profesor/a	30
Número de horas de trabajo personal del estudiante	45
Total horas	75

### CONTENIDOS (Temario)

- Descripción de la organización de una Unidad de Trasplante capilar, material necesario y logística.
- Visualización de procedimientos de trasplante capilar.

### RESULTADOS DE APRENDIZAJE (indicar un mínimo de tres y máximo de cinco)

- Asistir de la mano de profesionales de reconocido prestigio dentro del ámbito de la tricología a intervenciones de trasplante capilar para conocer en una situación real todas las fases del trasplante asociadas a cada técnica.
- Conocer cómo trabaja el equipo auxiliar y las funciones que realizan dentro de la cirugía en un caso real.
- Aprender a realizar la técnica de la TIRA de manera satisfactoria buscando la mínima cicatriz.
- Reforzar los conocimientos sobre la implantación de unidades foliculares.

### SISTEMA DE EVALUACIÓN

Evaluación individual del tutor asignado.

### SEGUIMIENTO DEL PROGRESO DEL ESTUDIANTE

Observación directa

### BIBLIOGRAFÍA

- Unger W, Unger R, Wesley C. Estimating the Number of Lifetime Follicular Units: A Survey and Comments of Experienced Hair Transplant Surgeons. *Dermatol Surg.* 2012;1-6
- Feily A, Moeineddin F. Feily's method as new mode of hair grafting in prevention of scalp necrosis even in dense hair transplantation. *Dermatol Pract Concept.* 2015 Jul 31;5(3):41-6.
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- Liu JQ, Zhao KB, Feng ZH, Qi FZ. Hair follicle units promote re-epithelialization in chronic cutaneous wounds: A clinical case series study. *Exp Ther Med.* 2015 Jul;10(1):25-30.
- Loganathan E, Sarvajnamurthy S, Gorur D, Suresh DH, Siddaraju MN, Narasimhan RT. Complications of hair restoration surgery: a retrospective analysis. *Int J Trichology.* 2014 Oct;6(4):168-72.
- Nirmal B, Somiah S, Sacchidanand SA. Reply to expert comments - a study of donor area in follicular unit hair transplantation. *J Cutan Aesthet Surg.* 2014 Apr;7(2):139.
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- Park HS, Kim JY, Choe YS, Han W, An JS, Seo KK. Alternative method for creating fine hairs with hair removal laser in hair transplantation for hairline correction. *Ann Dermatol.* 2015 Feb;27(1):21-5.
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- Rose PT. Hair restoration surgery: challenges and solutions. *Clin Cosmet Investig Dermatol.* 2015 Jul 15;8:361-70
- Rose, P. "Ledge" closure utilizing de-epithelialization of the inferior border. *Hair Transplant Forum International.* 2005; 15(4):120.
- Siefferman J, Khelemsky Y. Occipital neuralgia after hair transplantation and its treatment. *Case Rep Neurol Med.* 2015;2015:428413
- Shahmoradi Z, Abtahi-Naeini B, Pourazizi M. Erosive pustular dermatosis of the scalp following hair transplantation. *Adv Biomed Res.* 2014 Aug 22;3:176.
- Yamamoto k. Double trichophytic closure with wavy two layered closure for optimal hair transplantation scar. *Dermatol Surg.* 2012; 38: 664-9
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- MANFRED W.G. LUCAS M.D. The Use of Minigrafts in Hair Transplantation Surgery. *Dermatologic Surgery.* Volume 14, Issue 12

## GUÍA DOCENTE

Año académico	2025-2026	
Estudio	Máster de Formación Permanente en Tricología y Trasplante Capilar – Edición Internacional	
Nombre de la asignatura	REALIZACIÓN DE TRASPLANTE CAPILAR TIPO FUT Y TIPO FUE SUPERVISADO	
Carácter (Obligatoria/Optativa/Prácticas/TFM)	OB	
Créditos (1 ECTS=25 horas)	4	
Modalidad (elegir una opción)	x	Presencial (más del 80% de las sesiones son presenciales)
		Híbrida (sesiones on-line entre el 40% y 60%, resto presencial)
		Virtual (al menos el 80% de las sesiones son on-line o virtuales)
Profesor/a responsable	Sergio Vañó	
Idioma en el que se imparte	ESPAÑOL	

### PROFESORES IMPLICADOS EN LA DOCENCIA

Sergio Vañó Galván	Daniel Ortega
Pedro Jaén Olasolo	Diego Buendía
David Saceda Corralo	Juan Jiménez
Enara Marrodan	Ramón Pigém
Alba Gómez Zubiaur	Ángela Hermosa
Cristina Serrano	Jose María Mir Bonafé

### DISTRIBUCIÓN DE HORAS

Número de horas presenciales/on-line asistencia profesor/a	40
Número de horas de trabajo personal del estudiante	60
Total horas	100

### CONTENIDOS (Temario)

- Realización de un trasplante capilar, técnica de la tira de forma supervisada.
- Realización de un trasplante capilar, técnica tipo FUE de forma supervisada

### RESULTADOS DE APRENDIZAJE (indicar un mínimo de tres y máximo de cinco)

- Participar en una cirugía de trasplante capilar, siempre bajo la supervisión del tutor asignado.
- Poner en práctica la extracción de unidades foliculares.
- Adquirir destreza en la implantación de unidades foliculares.

### SISTEMA DE EVALUACIÓN

Evaluación individual del tutor asignado.

### SEGUIMIENTO DEL PROGRESO DEL ESTUDIANTE

Observación directa

### BIBLIOGRAFÍA

- Unger W, Unger R, Wesley C. Estimating the Number of Lifetime Follicular Units: A Survey and Comments of Experienced Hair Transplant Surgeons. *Dermatol Surg*. 2012;1-6
- Feily A, Moeineddin F. Feily's method as new mode of hair grafting in prevention of scalp necrosis even in dense hair transplantation. *Dermatol Pract Concept*. 2015 Jul 31;5(3):41-6.
- Frechet, P. Donor harvesting with invisible scar. *Hair Transplant Forum International*. 2005; 15(4):119, 120.
- Gho CG, Neumann HA. Advances in Hair Transplantation: Longitudinal Partial Follicular Unit Transplantation. *Curr Probl Dermatol*. 2015 Feb;47:150-7
- Gho CG, Neumann HA. The influence of preservation solution on the viability of grafts in hair transplantation surgery. *Plast Reconstr Surg Glob Open*. 2014 Jan 6;1(9):e90.
- Gupta AK, Lyons DC, Daigle D. Progression of surgical hair restoration techniques. *J Cutan Med Surg*. 2015 Jan-Feb;19(1):17-21.
- Huang YL, Chang SL, Lee MC, Chang CH, Hu S, Gold MH. Measuring occipital scalp laxity before donor strip harvesting in hair transplantation. *J Drugs Dermatol*. 2014 Oct;13(10):1248-52
- Jimenez F, Shiell RC. The Okuda papers: an extraordinary--but unfortunately unrecognized--piece of work that could have changed the history of hair transplantation. *Exp Dermatol*. 2015 Mar;24(3):185-6.
- Liu JQ, Zhao KB, Feng ZH, Qi FZ. Hair follicle units promote re-epithelialization in chronic cutaneous wounds: A clinical case series study. *Exp Ther Med*. 2015 Jul;10(1):25-30.
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- Rose PT. Hair restoration surgery: challenges and solutions. *Clin Cosmet Investig Dermatol*. 2015 Jul 15;8:361-70
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- MANFRED W.G. LUCAS M.D. The Use of Minigrafts in Hair Transplantation Surgery. *Dermatologic Surgery*. Volume 14, Issue 12

## GUÍA DOCENTE

Año académico	2025-2026	
Estudio	Máster de Formación Permanente en Tricología y Trasplante Capilar – Edición Internacional	
Nombre de la asignatura	TRABAJO FIN DE MÁSTER	
Carácter (Obligatoria/Optativa/Prácticas/TFM)	OB	
Créditos (1 ECTS=25 horas)	10	
Modalidad (elegir una opción)		Presencial (más del 80% de las sesiones son presenciales)
		Híbrida (sesiones on-line entre el 40% y 60%, resto presencial)
	X	Virtual (al menos el 80% de las sesiones son on-line o virtuales)
Profesor/a responsable	David Saceda	
Idioma en el que se imparte	ESPAÑOL/INGLÉS	

### PROFESORES IMPLICADOS EN LA DOCENCIA

Sergio Vañó Galván	Rocío Gil Redondo
Pedro Jaén Olasolo	Ángela Hermosa Gilbert
David Saceda Corralo	Pablo Fonda Pascual
Alba Gómez Zubiaur	Gloria Garnacho
Cristina Serrano	Alba Gómez Zubiaur
Pablo Fernández Crehuet-Serrano	Daniel Ortega Quijano
Joan Ferrando	Pablo Boixeda de Miquel
Ramón Grimalt Santacana	M <sup>a</sup> Teresa Truchuelo Díez

### DISTRIBUCIÓN DE HORAS

Número de horas presenciales/on-line asistencia profesor/a	100
Número de horas de trabajo personal del estudiante	150
Total horas	250

### CONTENIDOS (Temario)

Realización de un Trabajo Fin de Máster consistente en una revisión bibliográfica minuciosa de un tema concreto o bien un proyecto de investigación planteado por el alumno.

### RESULTADOS DE APRENDIZAJE (indicar un mínimo de tres y máximo de cinco)

- Profundizar en un contenido concreto de los estudiados durante el curso.
- Realizar una revisión bibliográfica o trabajo de investigación sobre el tema asignado que permita integrar y afianzar los conocimientos en esa materia adquiridos durante el máster.
- Adquirir pensamiento crítico.

**SISTEMA DE EVALUACIÓN**

Los criterios de evaluación del TFM son:

- El contenido se ajusta al tema propuesto.
- El contenido está bien escrito gramaticalmente y bien desarrollado.
- En la discusión hace una buena reflexión y desarrollo del tema de forma original.
- Se aporta bibliografía significativa.
- Las conclusiones son personales del alumno.
- Aporta información actualizada.

**SEGUIMIENTO DEL PROGRESO DEL ESTUDIANTE**

Tutorías y entrega final

**BIBLIOGRAFÍA**

Se aportará en función del tema asignado