

Smoking is one of the leading preventable causes of

• In Europe, 29% of individuals over 15 years of age

Some countries within Europe have alarmingly high rates

650,000 mortalities each year in Europe, roughly 14% of

We aim to provide an e-learning tool, promoting smoking

• The resource will be translated into 8 languages.

Increase the skillset of users and provide an online

cession advice, accessible to EU healthcare professionals

certificate for those that complete an online assessment.

Reduce healthcare cost and increase length and quality

Modern education faces challenges through rapidly

advancing knowledge base & methods of distribution.

Development of equivalent 'new knowledge' was 50

of tobacco use; 40% of Greek adults smoke regularly.

Smoking and chewing tobacco are directly related to

premature death and preventable disease.

INTRODUCTION

identify as smokers.

of life for EU residents.

all deaths.

AIMS

Developing a European-wide smoking cessation e-learning tool for healthcare professionals

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METHOD

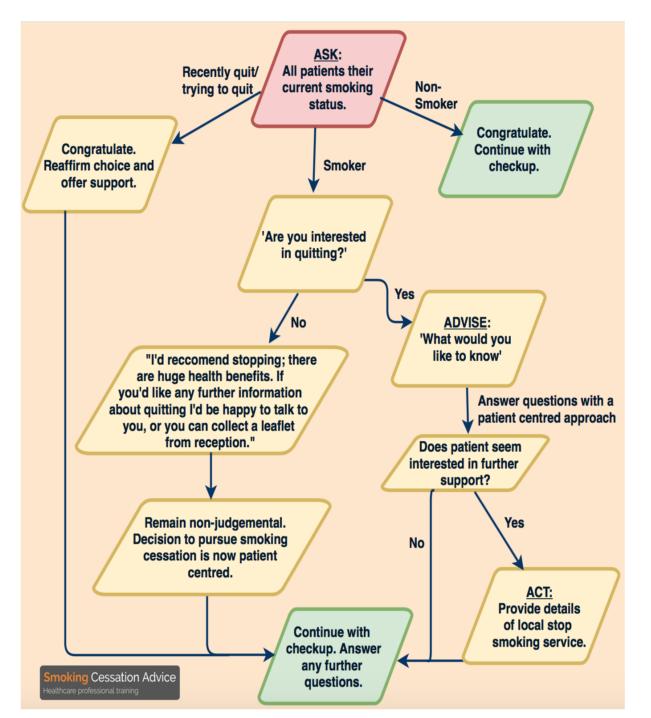
To increase knowledge of the resource:

- Development of smoking cessation document with current policy for every country.
- Dissemination of e-learning tool at conferences via poster and oral presentations.
- Publication of peer-reviewed documents in widely accessed journals. Topics include:
 - Smoking cessation for dental and healthcare practitioners.
 - An evaluation of smoking cessation advice currently available online.
 - A meta-analysis of current meta-analyses on effectiveness of smoking cessation modalities
- A one day presentation in each partner country for undergraduates, postgraduates, dental and healthcare academics.
- Provision of resource to Universities.

IMPLEMENTATION WHY AN ONLINE RESOURCE?

- Phase 1 A consensus document will be formulated regarding smoking and effectiveness of smoking cessation modalities.
- Phase 2 The document will be circulated to external experts for evaluation.
- Phase 3 'Soft launch,' of website, alongside feedback from healthcare practitioners (n=25) on (a) content (b) appropriateness (c) user friendliness (d) navigation (e) time spent. Revision of website.
- **Phase 4** Website content appraised by external expert. Activation of social media accounts.
- **Phase 5** Dissemination and assessment of outcomes.

OUTPUT EXAMPLES



A proposed flow chart based on the 3A's (Ask, Advise, Act), demonstrating how practitioners can discuss cessation with smokers.

Fig. 2 A chart to show suggested

dosages of nicotine replacement therapies depending on dependence. Adapted from Government of Western Australia Department of Health Guidance.⁵

orage or enange	T delette 3 View	move to next stage of change.	Wattaiseipiniary team involvement				
				Pre-Contemplation	No intention of quitting	'Consciousness Raising'	If patient wants to discuss media campaigns.
				1	1	'Dramatic Relief'	If patient wants to discuss media campaigns, or is amenable to receiving a stop smoking leaflet.
•	•	'Environmental Re- evaluation'	May damage dentist-patient relationship.				
Contemplation	Intending to quit in next 6 months	'Self-re-evaluation'	If patient wants to discuss reduction of oral and general health risks following cessation.				
Preparation	Intending to quit in 30 days.	'Self-liberation'	Encouragement and reassurance of patient's decision and health benefits.				
Action	Has quit in last 6 months	'Contingency Management'	Suggest self-reward for patient quitting ('treating' themselves), and offer open praise for decision.				
		'Helping relationships'	Offer support or reassurance based on patient's questions regarding smoking cessation.				
1	T	'Counter-conditioning'	Difficult to engage with, but can recommend referral if patient enquires.				
V		'Stimulus-control'	Difficult to engage with, but dentists can keep any treatment stress-free, avoiding creation of possible prompts associated with smoking.				
Maintenance	Has quit for over 6 months	N/A	Congratulate and re-affirm decision.				
Relapse	Has started smoking following	Identify where	Remain non-judgemental. Reassure of				
Relapse	rias started silloking following	1					

The 5 stages of change, with techniques for healthcare providers to interact with patients who smoke.



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PREDICTED OUTCOMES

- Educational Impact Implementable smoking cessation advice for 8 different EU countries.
- Economic Impact A potential for reduced healthcare cost and economic gain through reduced loss of working hours.
- EU Interrelation Impact Consolidate and establish new partnerships for future research alongside sharing opinions and education strategy.
- Health Impact Quitting at 25 to 34, 35 to 44, or 45 to 54 years of age gained around 10, 9, and 6 years of life respectively, compared with smokers.⁶
- These outcomes will be assessed in three ways:
- By the external evaluators of the project.
- From feedback in Phase 3 from healthcare practitioners regarding the website content.
- Survey following Phase 5 to ascertain if there has been any change in practice after using our online resource.

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years in 1950. This reduced to 3.5 years in 2010,

- Is projected to be 73 days in 2030.¹
- Small financial outlay leading to a comparatively large economic benefit.
- Material is an 'open educational resource' (OER), maximising access.²
- Increasing acceptance of, engagement in and success with online learning.³

Modern learners in healthcare would rather utilise an

- online resource than a textbook.⁴ Evidence to suggest that educational outcomes are
- improved when utilising an interactive resource. A website is cheap and comparatively easy to update.



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