

# Advance Care Directives Let Me Decide: an update on recent research

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# Today's Presentation

## Includes

- An over-view of Advance Care Directives
- Findings from a study conducted in Ireland and other countries on End of Life Treatment preferences
- Findings from a before/after study in Ireland using 'Let Me Decide' Advance Care Planning and Palliative Care Programme

Figure 1

100%  
Health

A Acceptable Quality of Life

Death

C

Irreversible Persistent Vegetative State  
Unacceptable Quality of Life

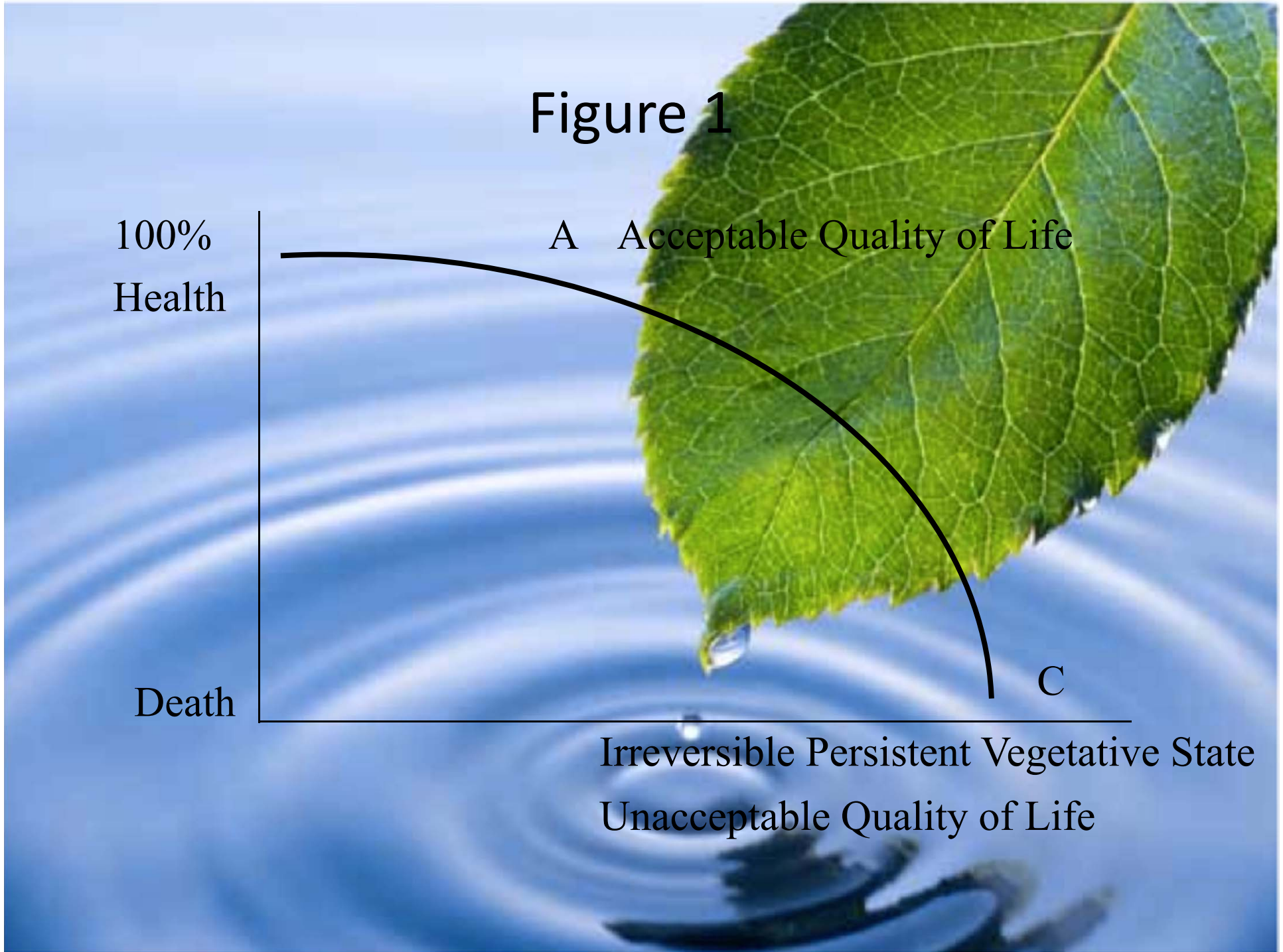


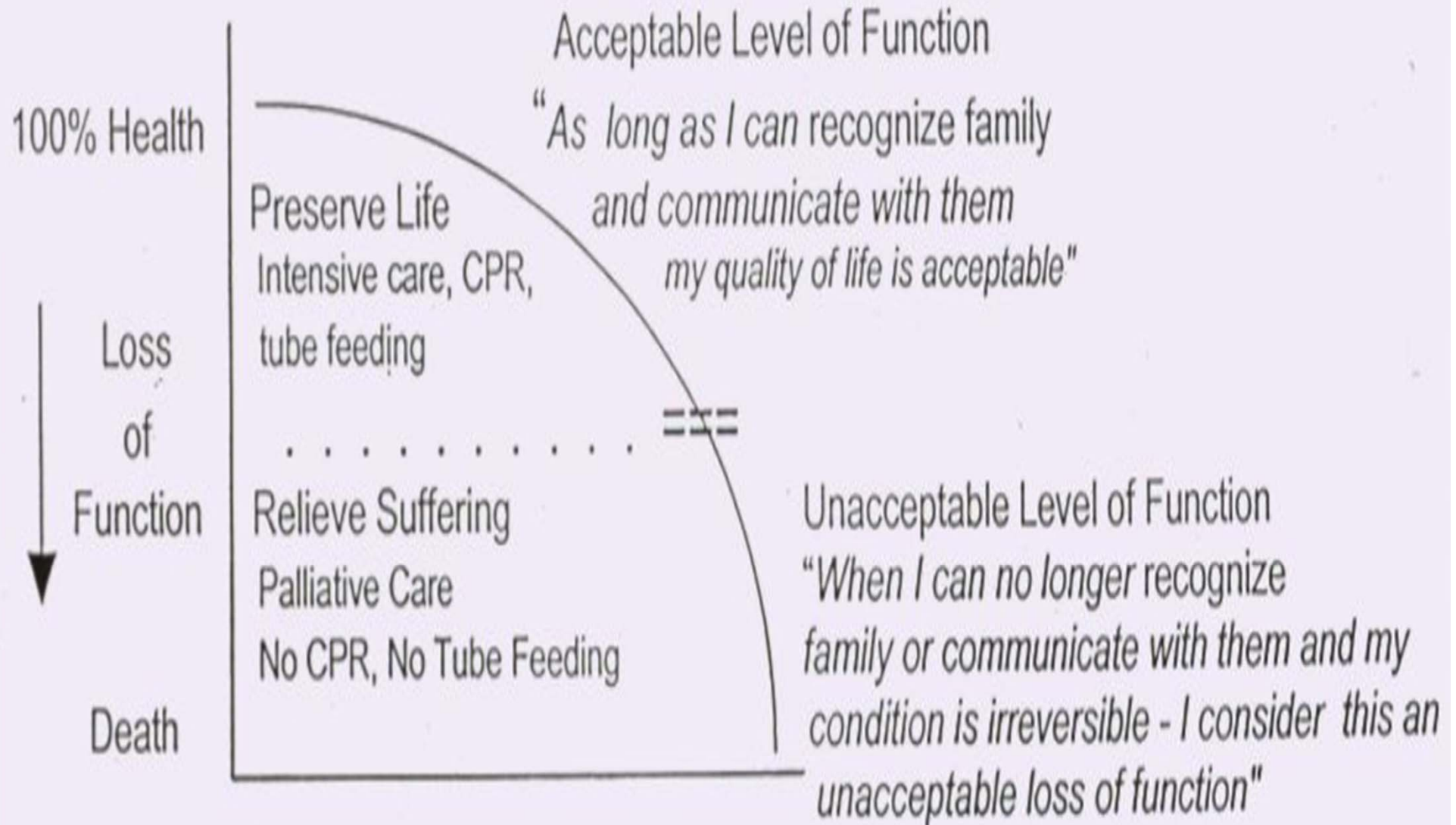
Figure 2



Figure 3



**Fig. 4 Defining the Irreversible condition with an:**



# Let Me Decide

A green leaf is positioned in the upper right corner of the slide. The background is a light blue gradient with a pattern of concentric white circles, resembling ripples in water.

Let Me Decide has 2 components: **Proxy** and **Instructional**

- **Proxy** component allows individuals to name another to speak on their behalf in the event of future incapacity
- **Instructional** component allows individuals to choose treatments for specific conditions

# *Let Me Decide* Advance Care Directive

## 1. Summary of Patient Treatment Choices

In my CURRENT state of health/ functioning *if I became seriously ill* I would choose:

<b>Life-Threatening Illness</b>	<b>Cardiac Arrest</b>	<b>Feeding</b>
Palliative Care Limited Care Surgical Care Intensive Care	No CPR  CPR	Basic  Tube



# ***Let Me Decide* Advance Care Directive**

## **1. Summary of Patient Treatment Choices**

**IF I had an Unacceptable/Irreversible condition of health/ functioning and *if I became seriously ill* I would choose:**

<b>Life-Threatening Illness</b>	<b>Cardiac Arrest</b>	<b>Feeding</b>
Palliative Care	No CPR	Basic
Limited Care		
Surgical Care	CPR	Tube
Intensive Care		

# Palliative Care

A green leaf is positioned in the upper right corner, with a single water droplet falling from its tip into a blue pool of water. The impact of the droplet creates concentric ripples that spread across the surface of the water. The background is a soft, out-of-focus blue, suggesting a sky or a calm body of water.

- Only measures that enhance comfort or minimize pain; e.g. morphine
- Intravenous line started only if it improves comfort; e.g. hydration
- No X-Rays, blood tests or antibiotics, unless they are given to improve comfort
- Do not transfer to hospital unless absolutely necessary

# Limited Care

- IV therapy may be appropriate
- X-Ray examination and blood tests may be appropriate
- A trial of appropriate drugs may be used; antibiotics should be used sparingly
- No invasive procedures; do not transfer to ICU
- May or may not transfer to hospital

# Surgical Care

A green leaf is positioned on the right side of the frame, with a single water droplet falling from its tip into a blue pool of water. The impact of the droplet creates concentric ripples that spread across the surface of the water. The background is a soft, out-of-focus blue, suggesting a clear sky or a calm body of water.

- Do not admit to ICU
- Do not ventilate (except during and after surgery)
- Emergency surgery if necessary
- Transfer to acute care hospital (where patient may be evaluated)

# Intensive Care

A green leaf is positioned in the upper right quadrant of the slide. A single water droplet is captured mid-fall from the leaf's tip, creating a series of concentric ripples on the blue surface below. The background is a soft-focus blue gradient.

- Transfer patient to ICU if necessary
- Ventilate patient if necessary
- Insert central line
- Transfer patient to acute care hospital without hesitation
- Provide surgery, biopsies, all life-support systems and transplant surgery

# Cardiac Arrest

## *No CPR:*

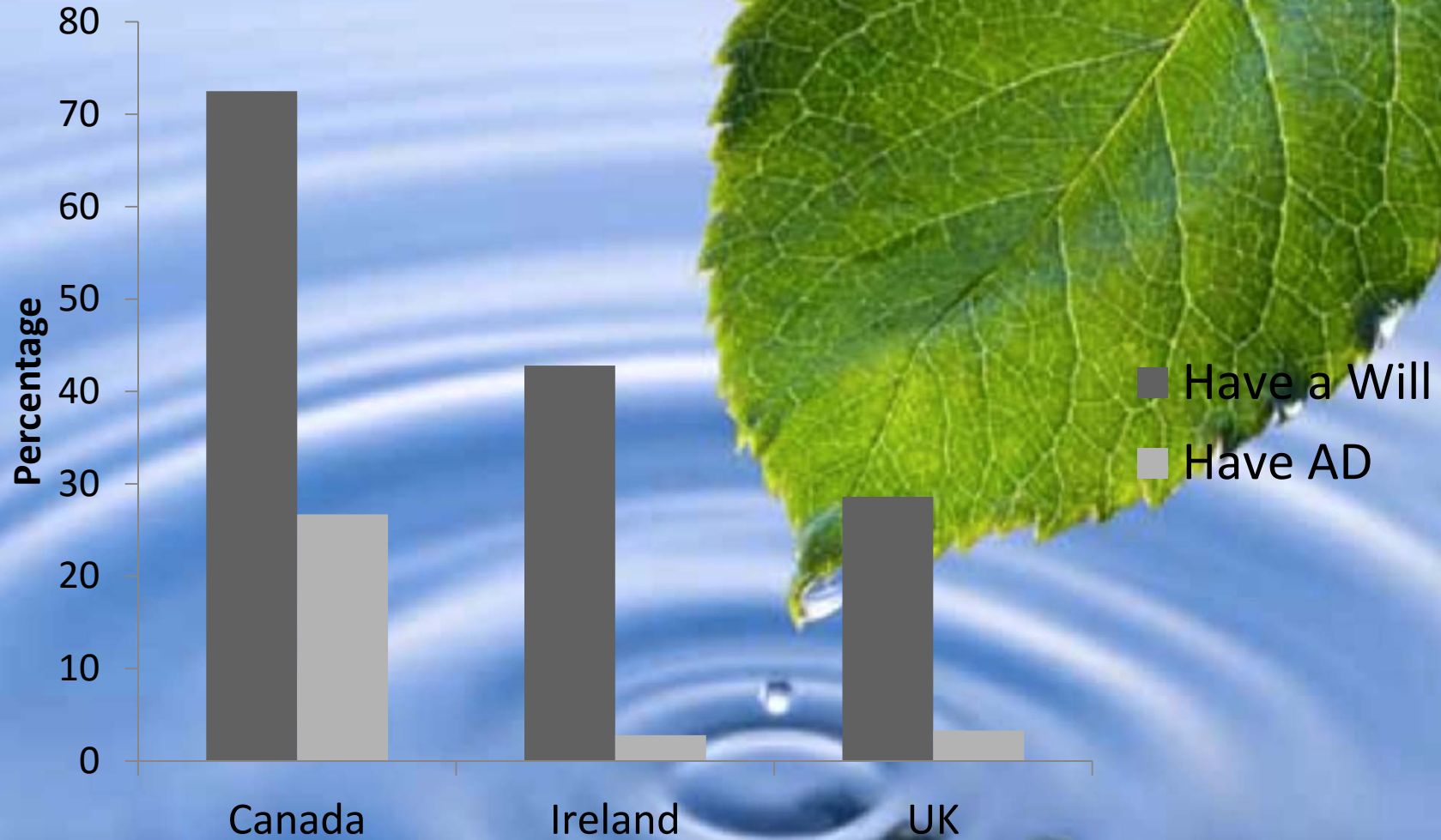
Make no attempt to resuscitate

## *CPR:*

Use cardiac massage and artificial/mechanical breathing; may also include:

- endotracheal tubes
- defibrillation
- intravenous fluid and drugs

# Health Care Professionals own Wills or ACDs

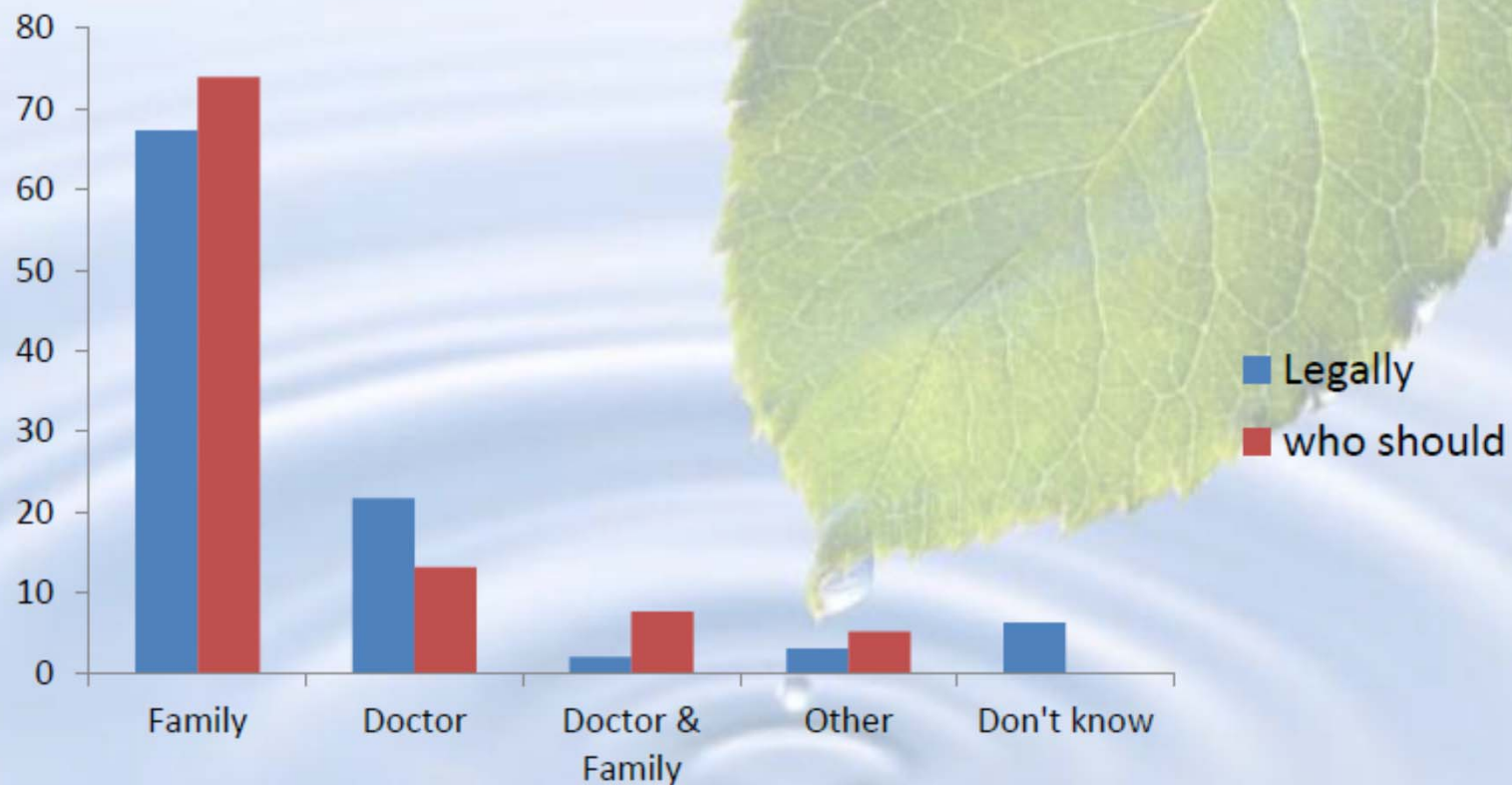


## Irish public's awareness of end-of-life terms

Terminology	Know a great deal (%)	Know a fair amount (%)	Know just a little (%)	Heard of but know nothing (%)	Never heard of (%)
Advance directive	1	2	13	13	71
Living Will	10	15	28	15	31
DNR order	13	16	32	13	25
CPR	17	34	49	11	9
Post-mortem	23	33	33	6	4

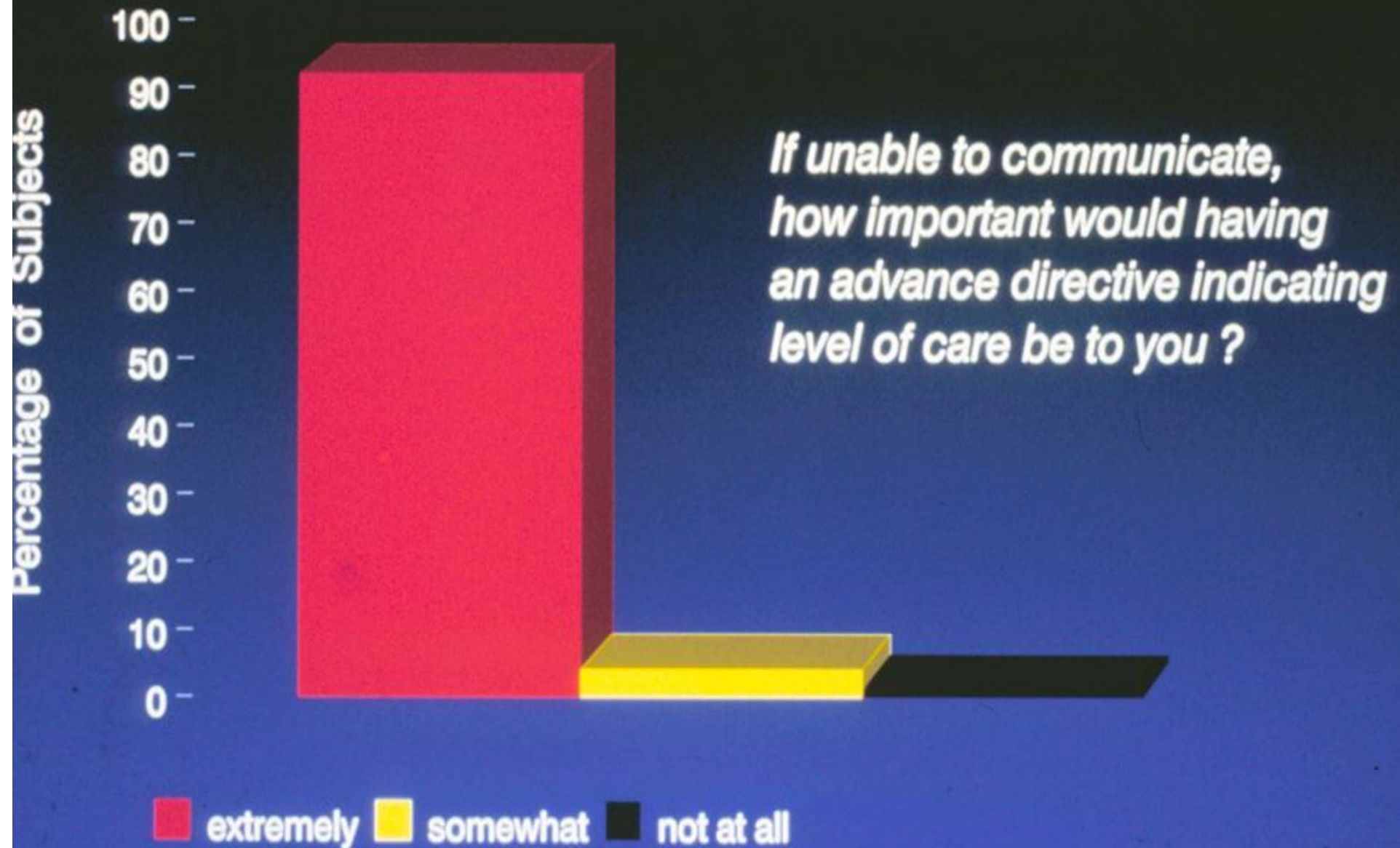


## Who do Irish Healthcare professionals want to decide for them? 2012

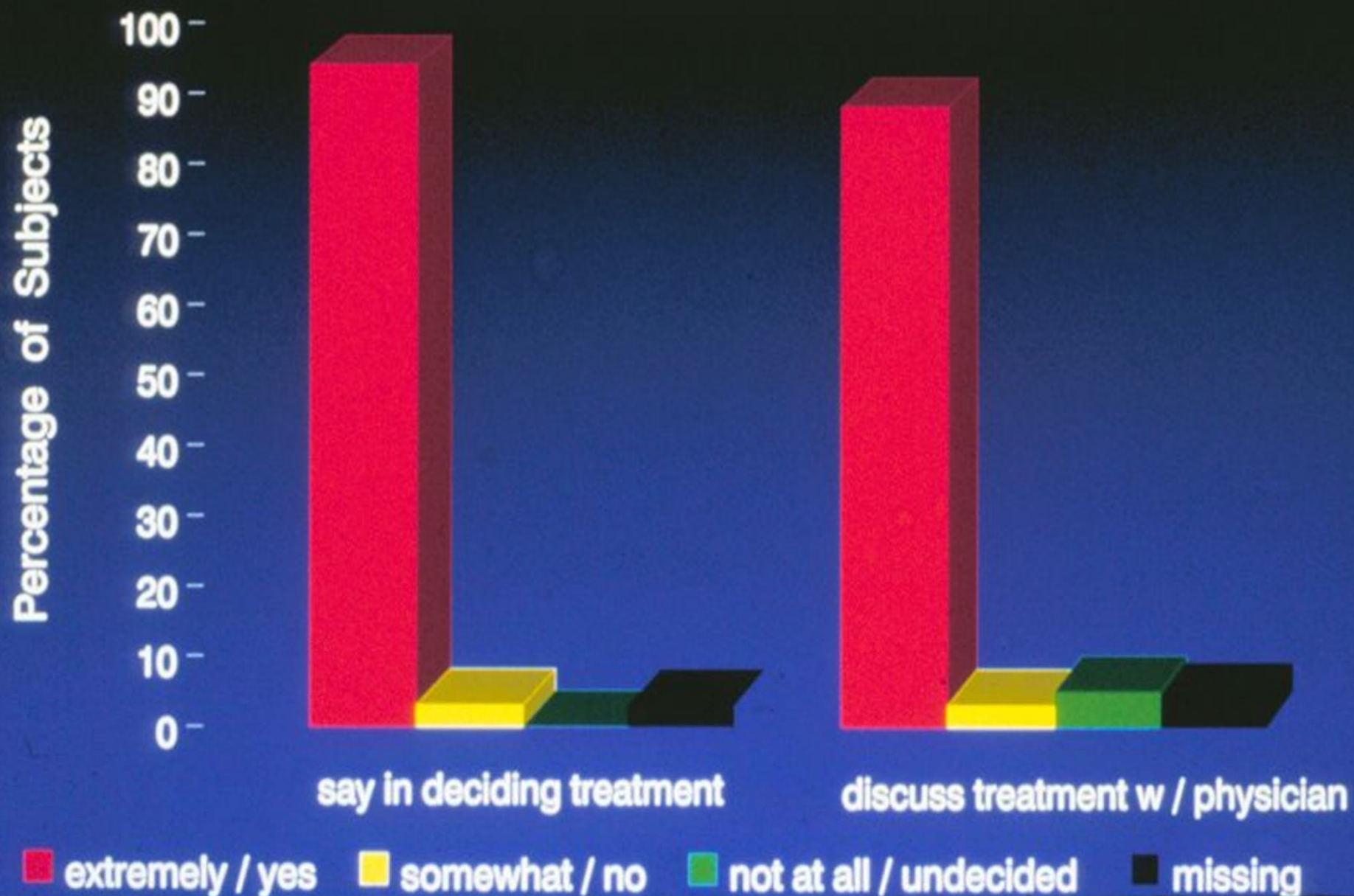


Only 26% of Irish HCPs correct as to who legally decides (n=474)  
Of the doctors, only 35% of correct (n=165)

# Use of Advanced Directives ( I )



# Importance of Control

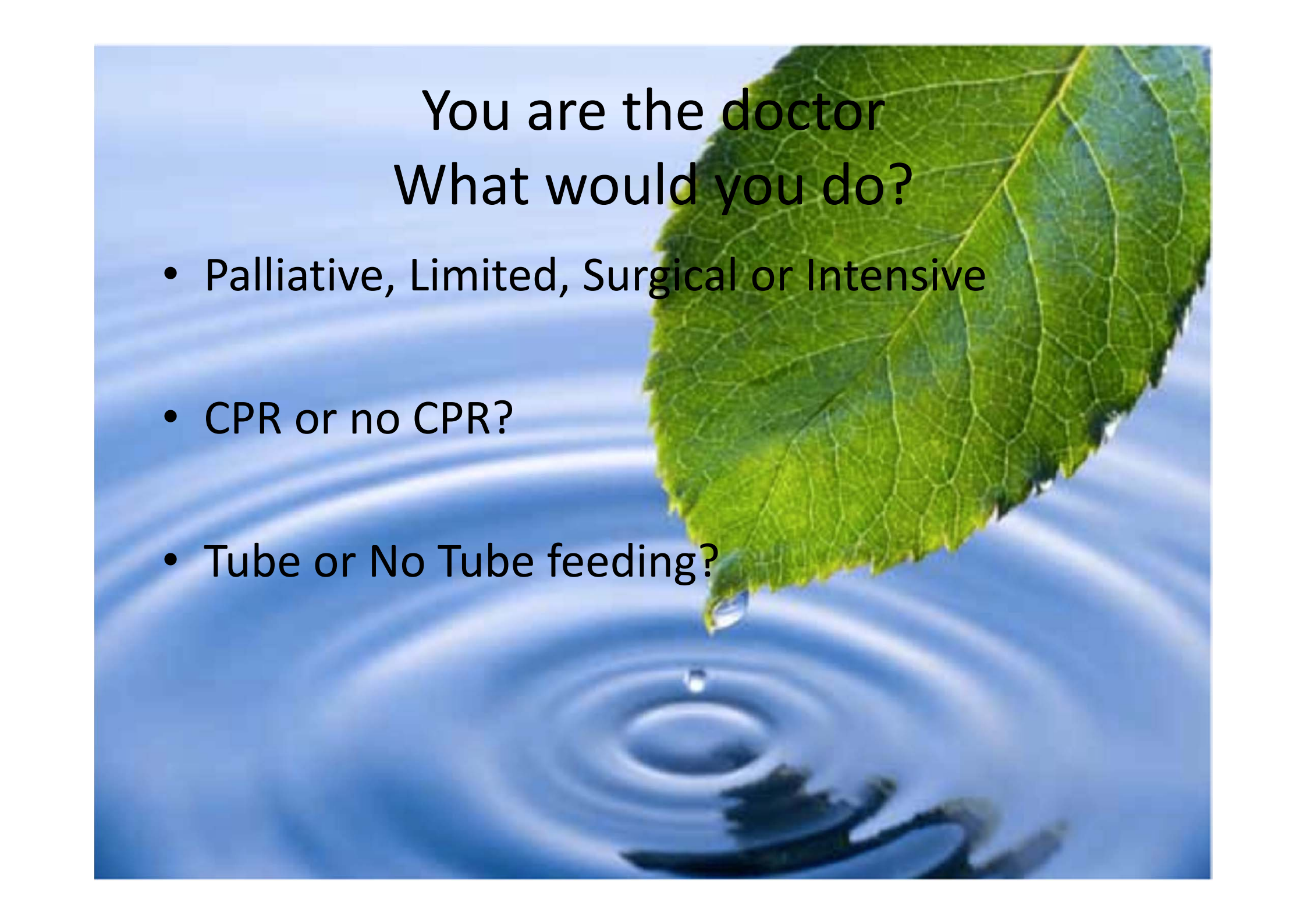


# PATIENT CASE SCENARIO: MR MURPHY



- 84yrs old
- Living in a nursing home
- Has Alzheimer's Disease for 7yrs
- Unable to recognise children, sometimes recognises wife
- Needs assistance with mobilising
- Incontinent

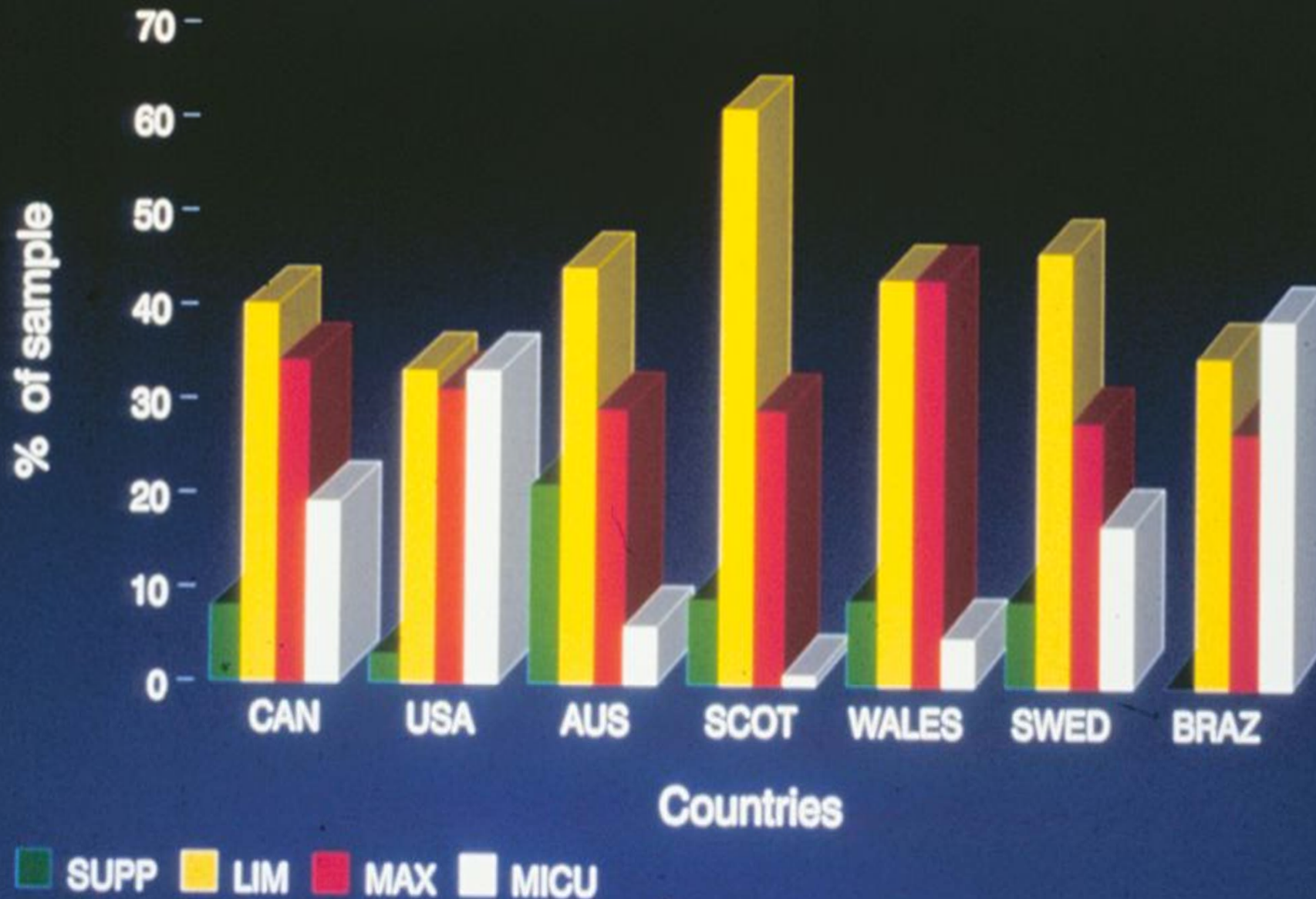
Mr Murphy is in the Emergency Department, has hematemesis and is hypotensive. Unless treated he will most likely die. His family are not available and there is no advance directive. What would you do?

A close-up photograph of a vibrant green leaf with detailed vein patterns. A single, clear water droplet is suspended just above the surface of a blue body of water, about to fall. The impact of the droplet has just occurred, creating a series of concentric white and blue ripples that spread outwards across the water's surface. The background is a soft, out-of-focus blue.

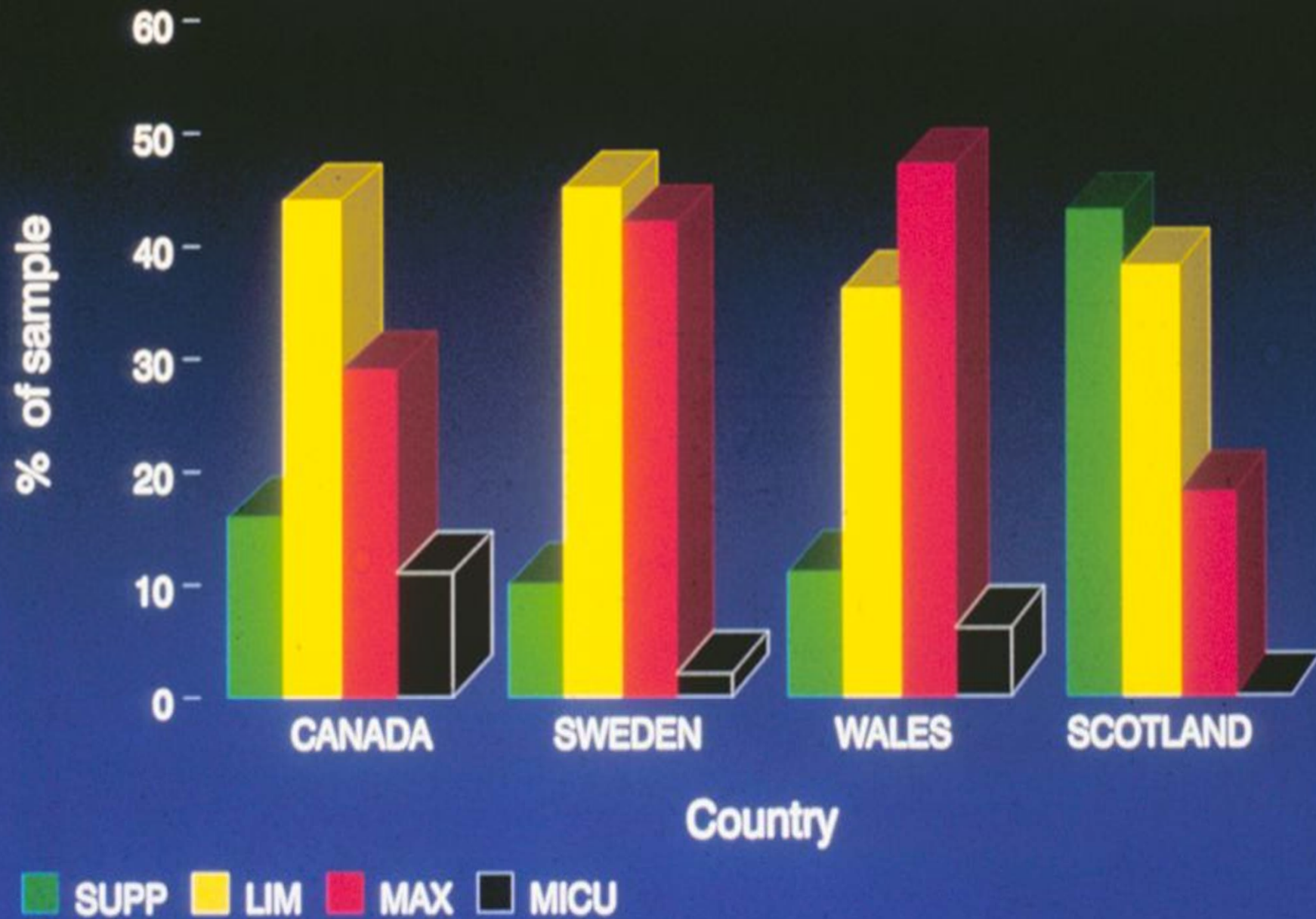
# You are the doctor What would you do?

- Palliative, Limited, Surgical or Intensive
- CPR or no CPR?
- Tube or No Tube feeding?

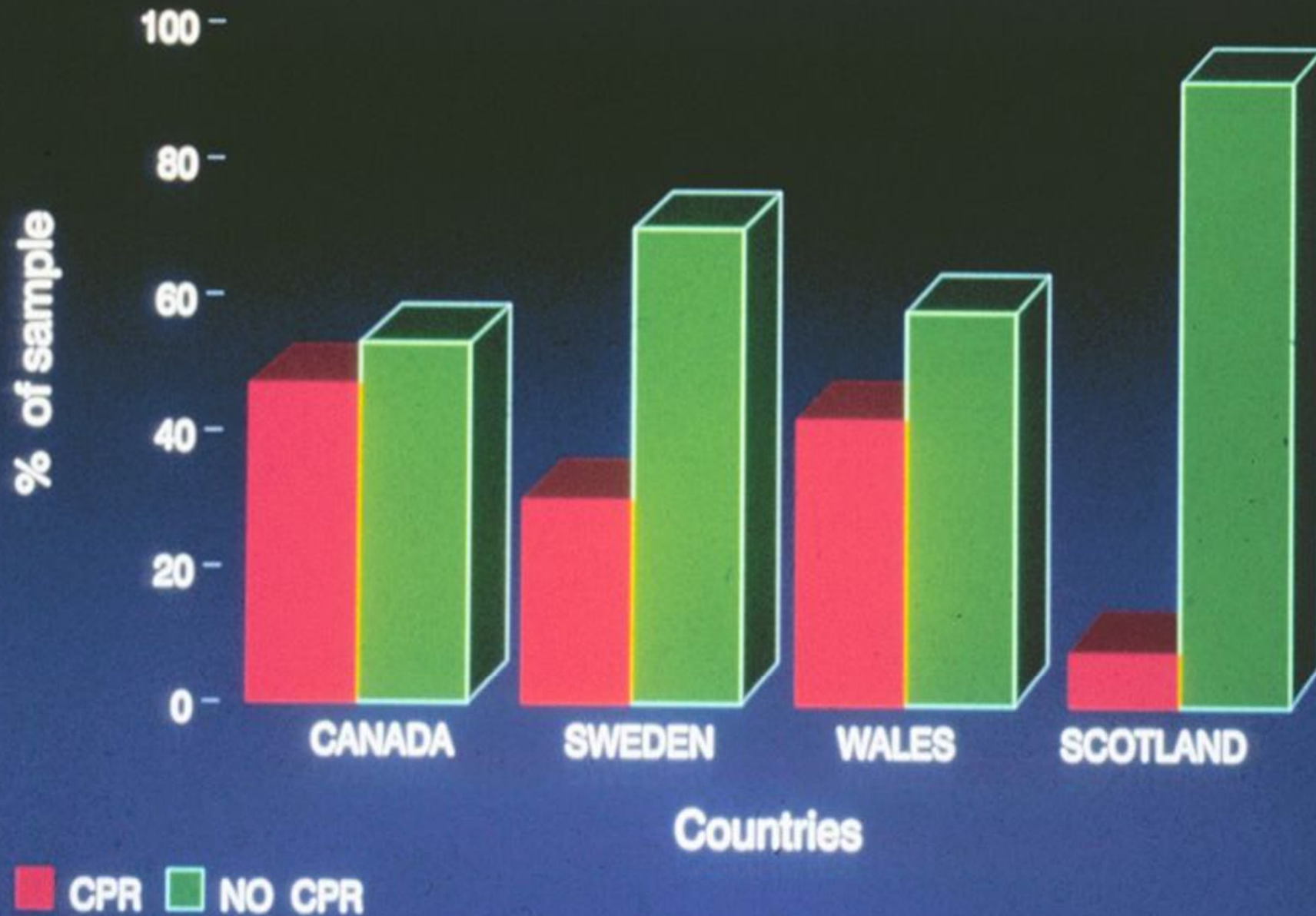
# Individual Countries : No Directive



# Nurse's Treatment Options : No Directive

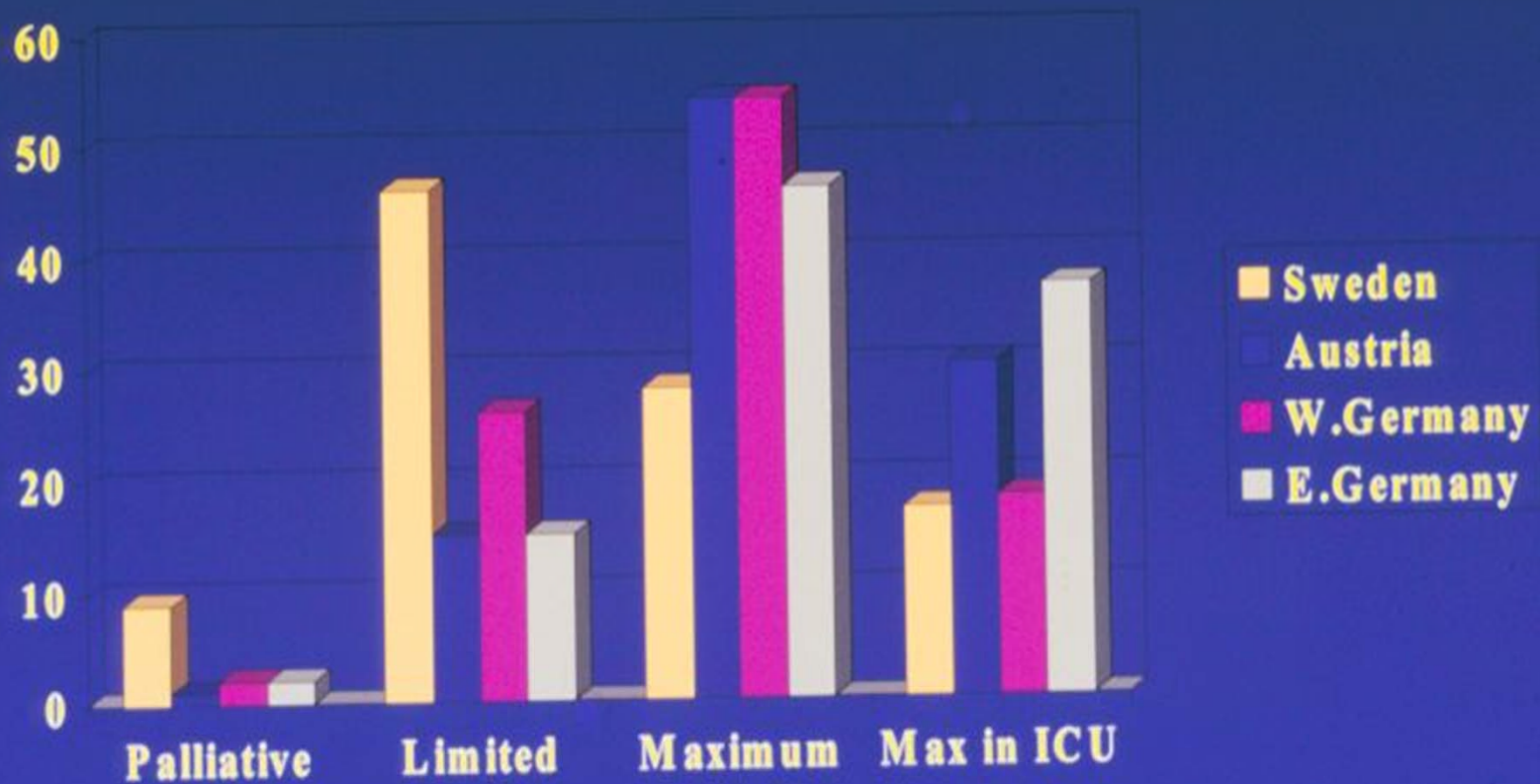


## Nurse's CPR Options : No Directive

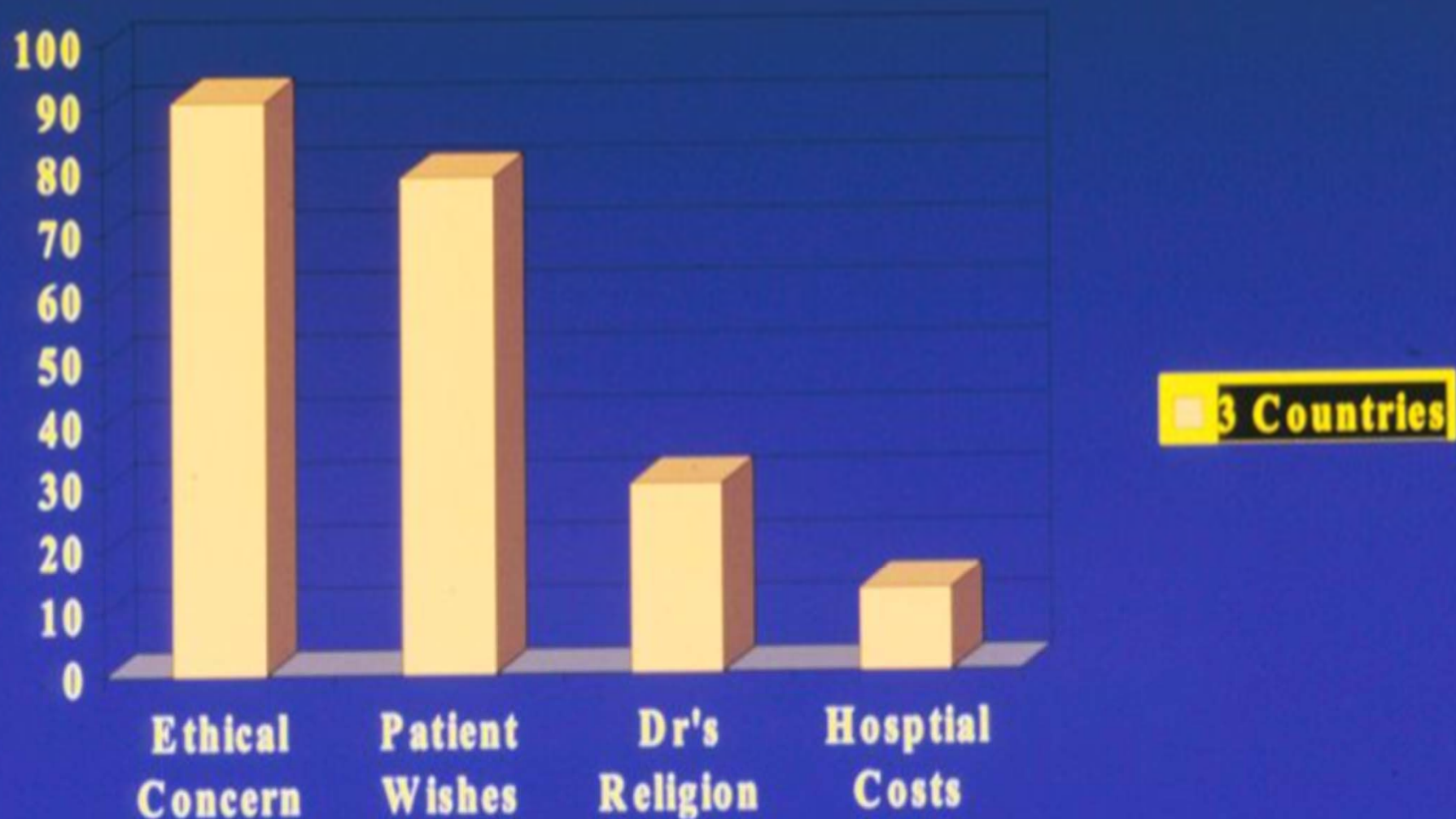




# No-information



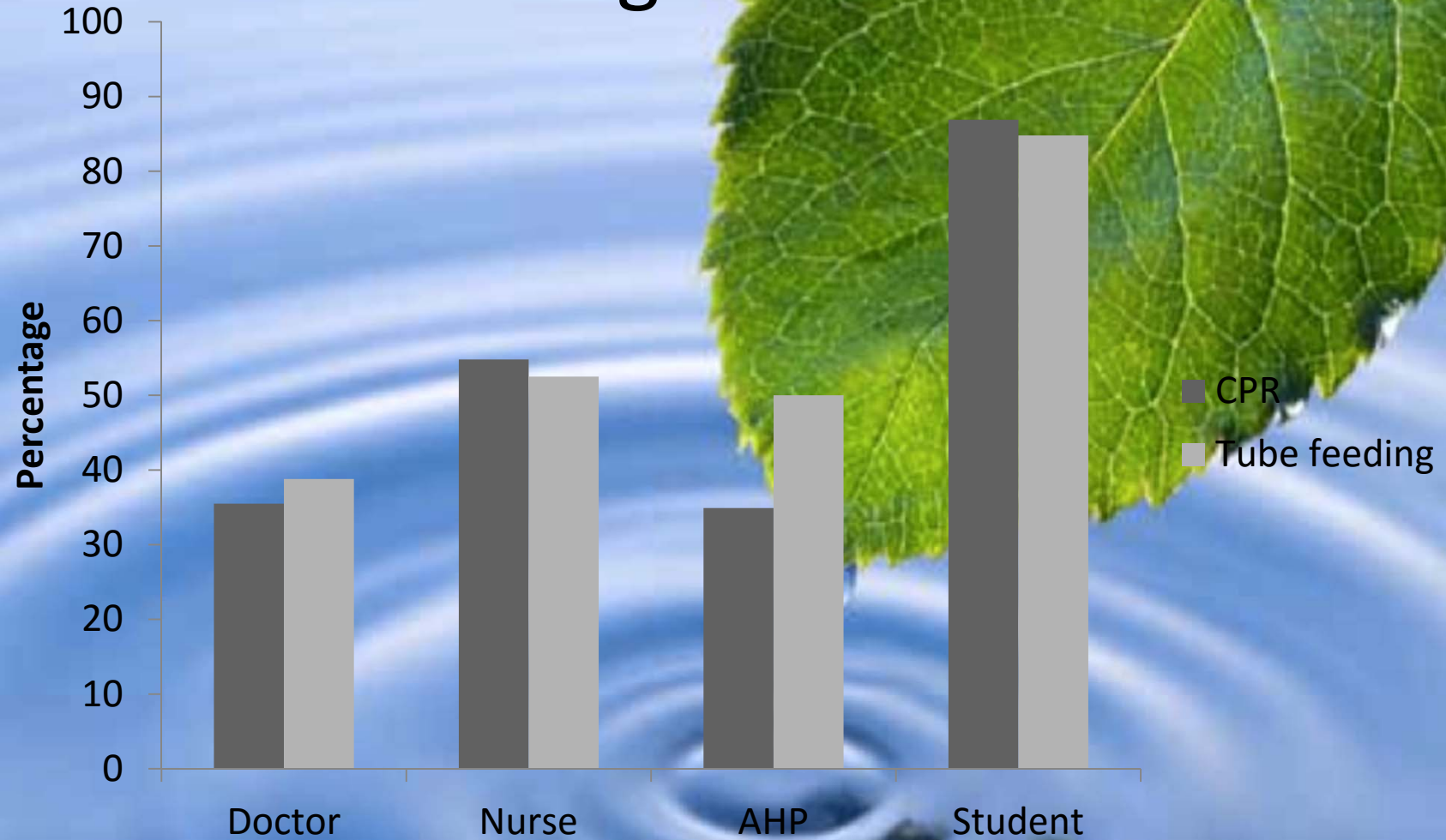
# Most Important Factors



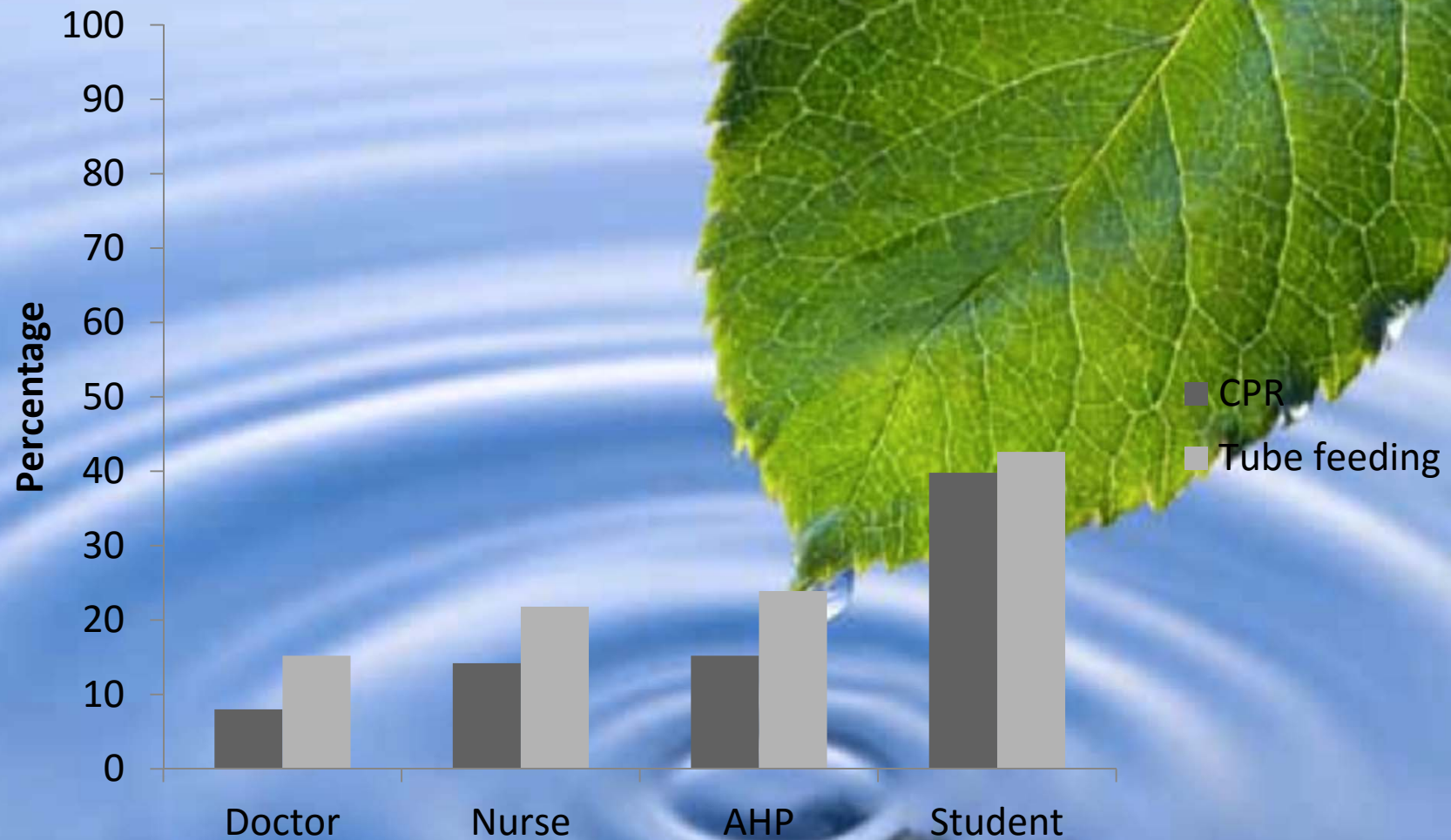
# What do we know about Advance Care Directives?

- Number surveyed: **n = 959**
  - Doctors, Nurses, Allied Health Professionals, Medical and Nursing students
- Median age: **33 yrs** (range: 18-82yrs)
- Median age of professionals: **41yrs**
- Gender: **31% male**
- Countries surveyed:
  - Ireland: 757 surveyed
  - UK: 95 surveyed
  - Canada: 107 surveyed (median age 55\*, 45% male)

# CPR and Tube feeding for case scenario given



# CPR and Tube feeding for themselves



A close-up photograph of a vibrant green leaf on the right side, with a single water droplet falling from its tip into a blue body of water. The impact of the droplet has created several concentric ripples that spread across the water's surface. The background is a soft, out-of-focus blue.

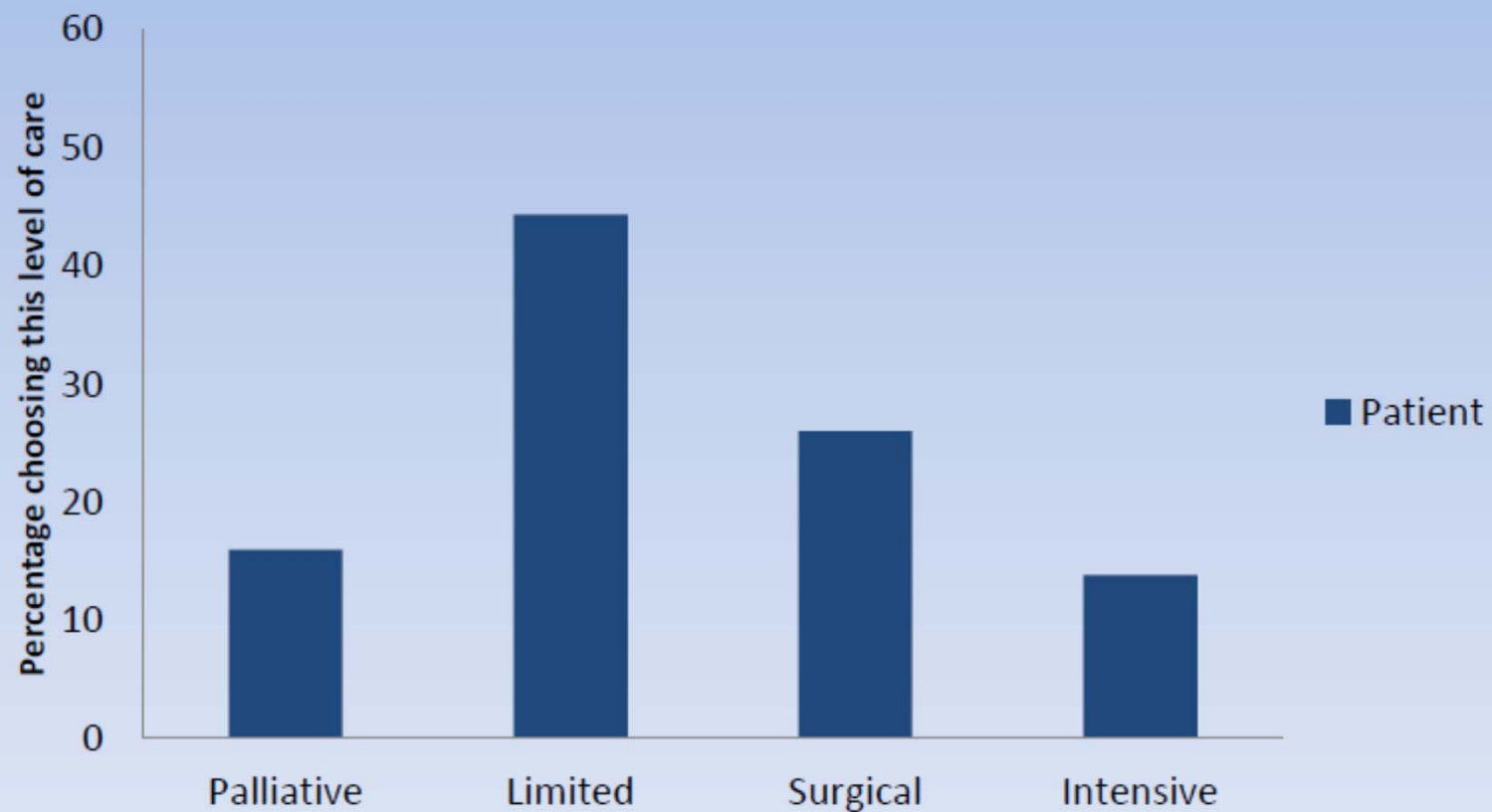
**Advance Directives: Nurses'  
knowledge, attitudes and  
preferred end-of-life  
treatment choices  
in five countries**

Coffey A. *et al* (In press)

# Age, Gender & Discipline of Nurses

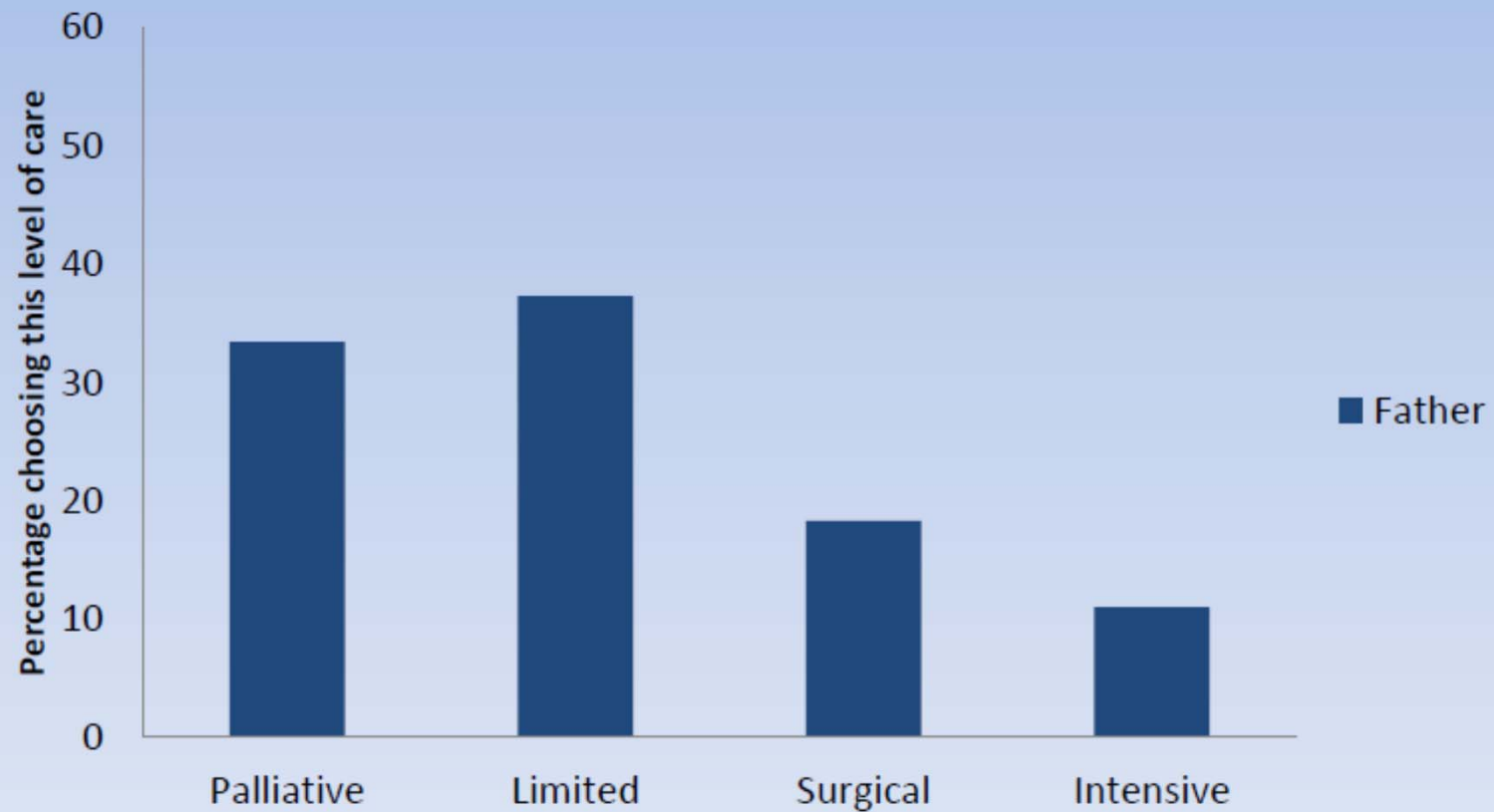
	<b>HONG KONG</b> (n=157*)	<b>IRELAND</b> (n=186*)	<b>ISRAEL</b> (n=141*)	<b>ITALY</b> (n=261*)	<b>US</b> (n=344*)
<b>Age</b>					
≤ 35 years	81%	53%	58%	23%	20%
> 35 years	11%	44%	40%	77%	79%
<b>Gender</b>					
Male	17%	6%	13%	30%	4%
Female	81%	89%	87%	70%	96%
<b>Discipline</b>					
General	77%	61%	61%	88%	76%
Specialist	17%	32%	34%	12%	22%
Other	0%	4%	4%	0%	2%

## If this was your patient

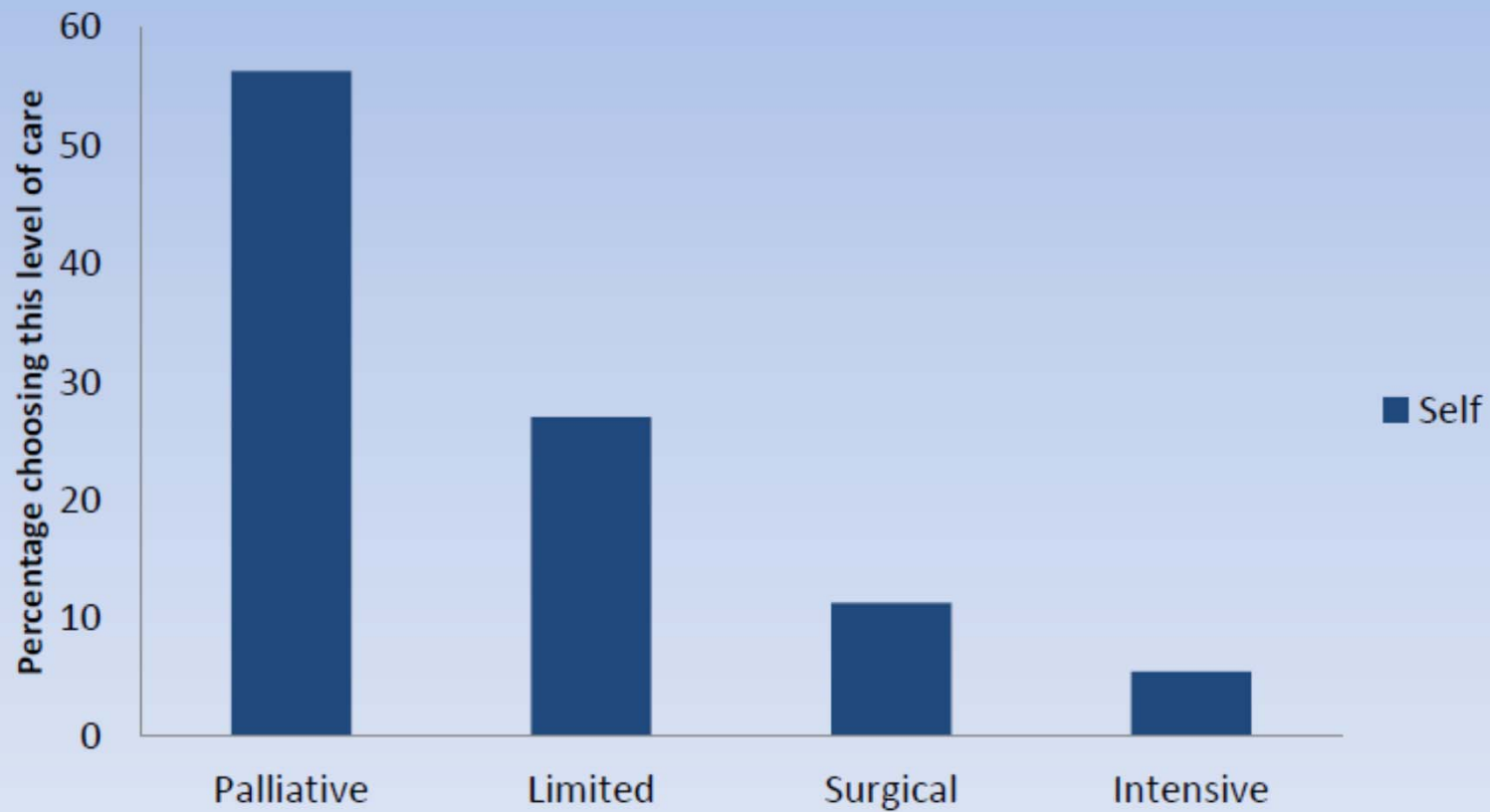




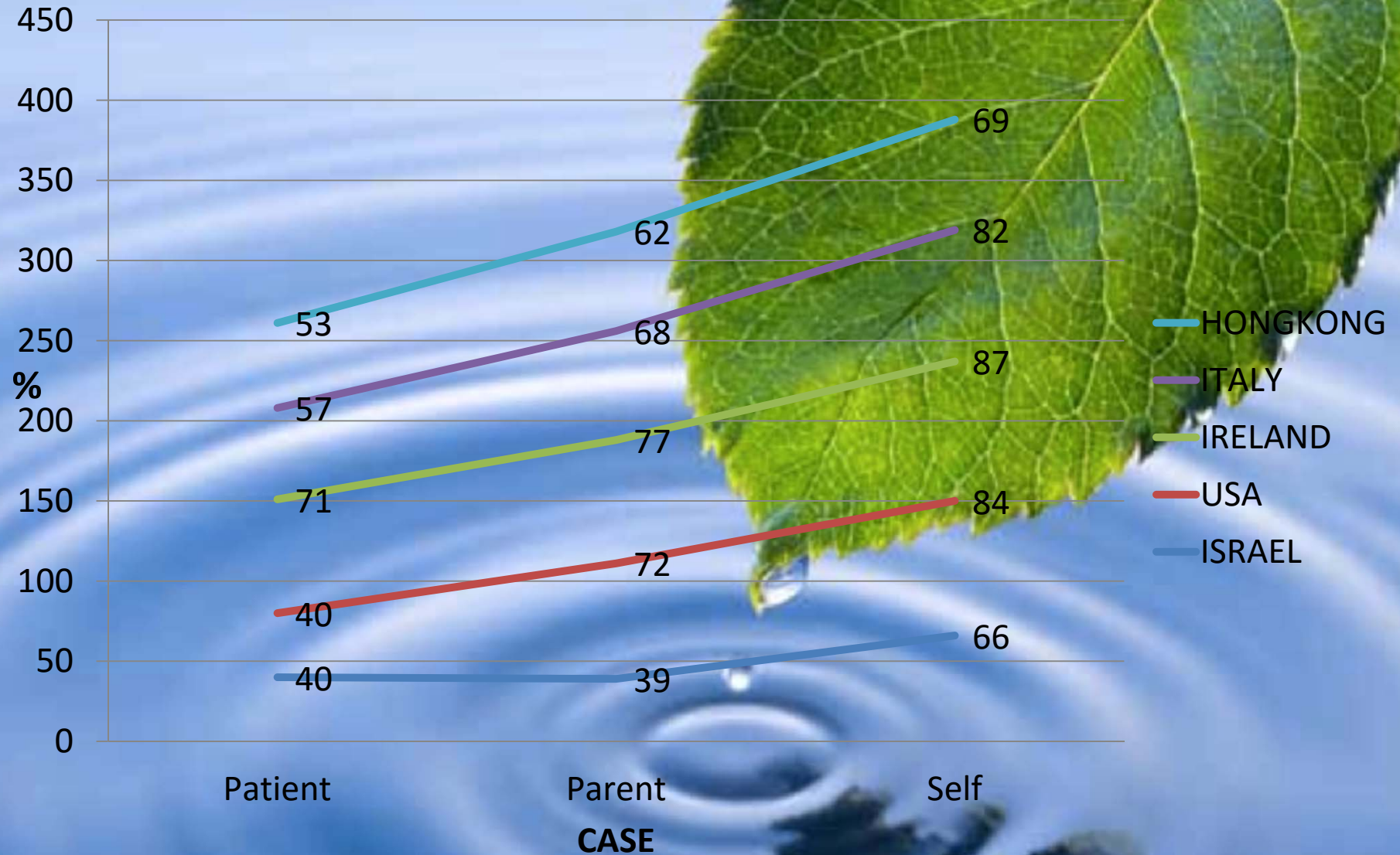
## If this was your Father



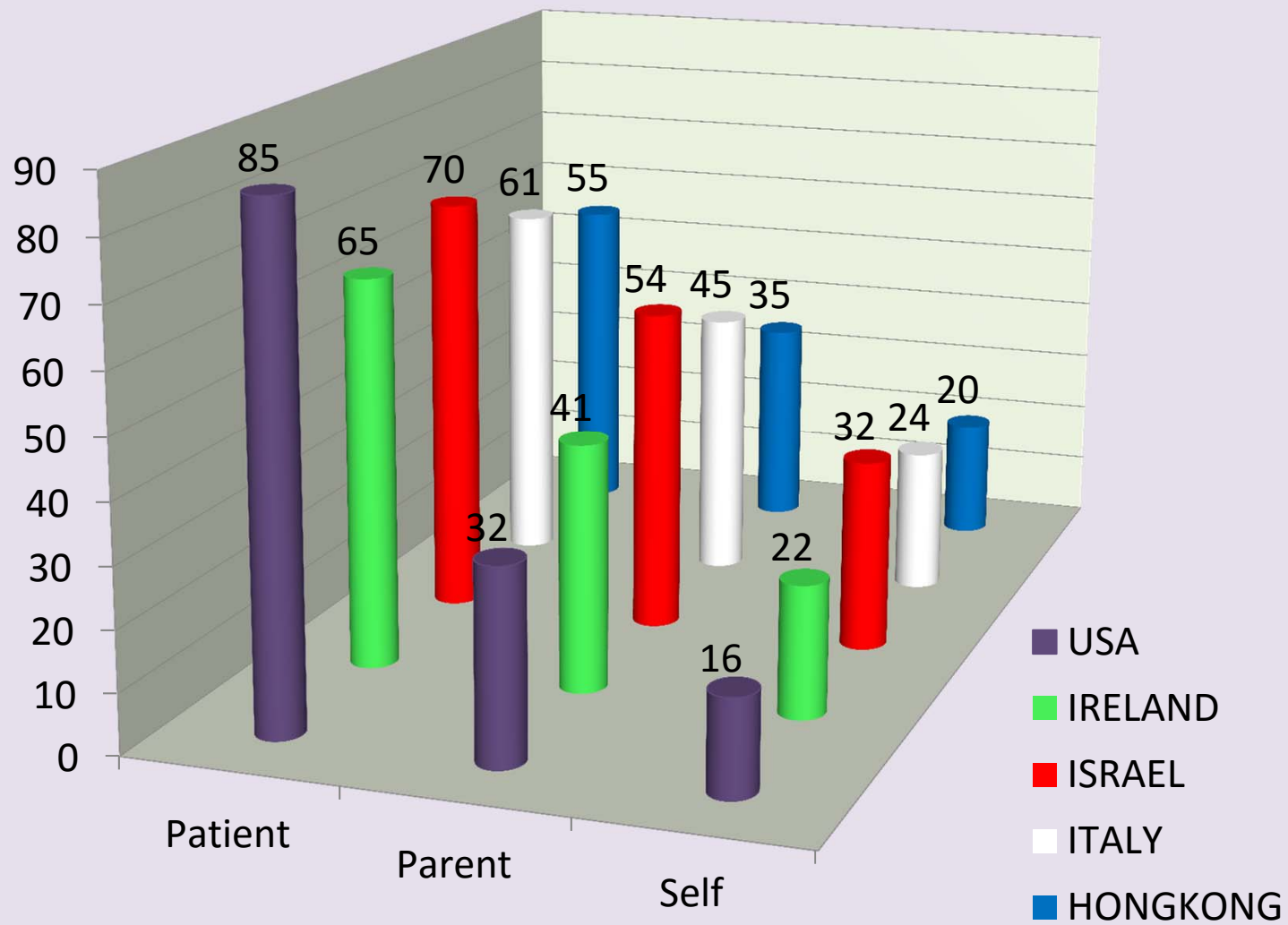
## If this was your self



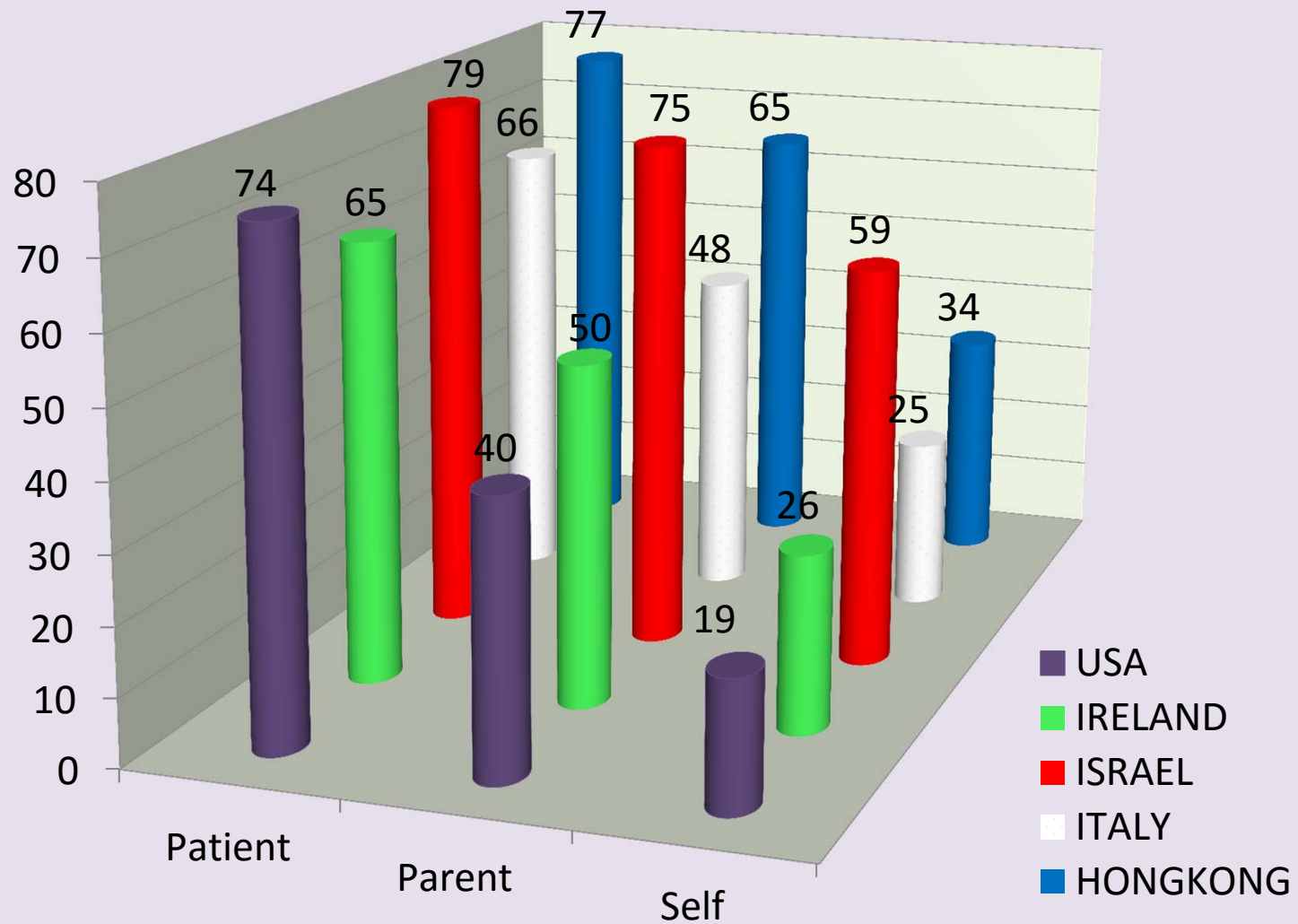
# Palliative / Limited Care Option



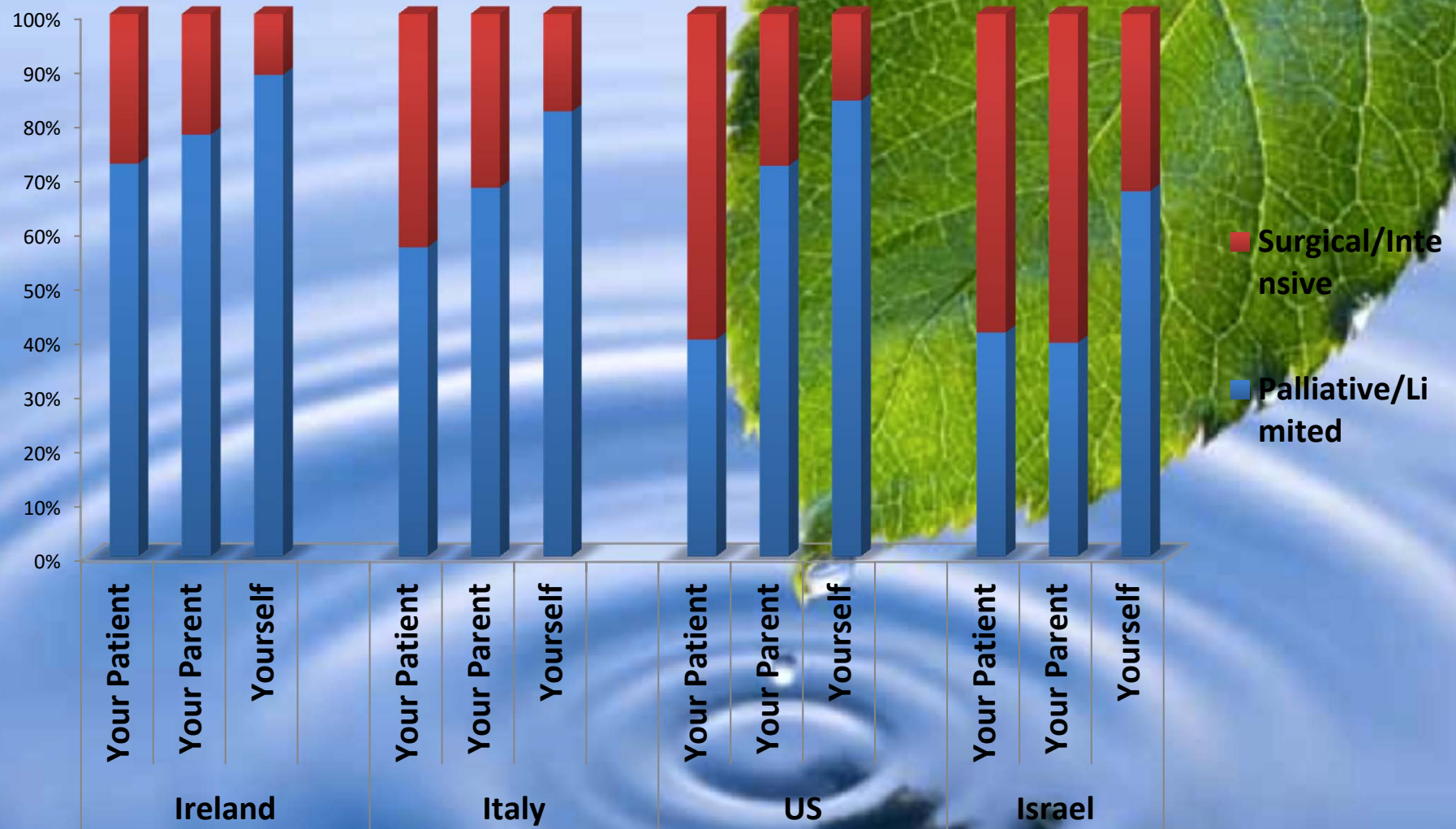
# Yes, I would perform CPR



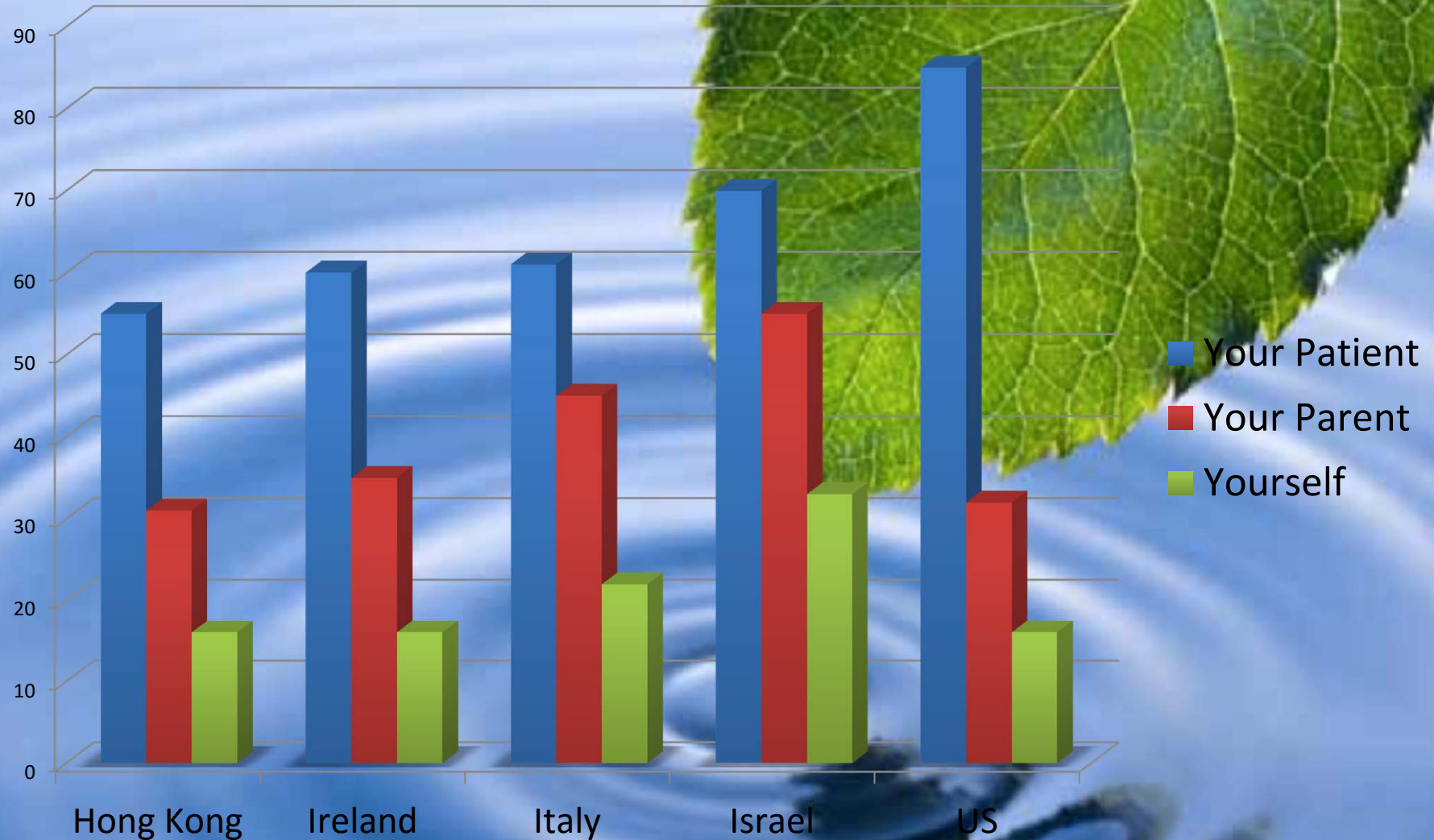
# Yes, I would provide artificial feeding



## % Choosing **Surgical/Intensive** vs **Palliative/Limited** Care for 3 Case Scenarios: Your Patient/ Parent/ Yourself



# % Who would perform CPR for different Case Scenarios: **Your Patient** / **Parent** / **Yourself**



# Conclusion

- Treatment varied widely between countries
- Treatment varied widely between professions
- Treatment varied depending on whether you were choosing for a patient, relative or oneself
- Reflect differences in values and lack of societal consensus
- Need for increased awareness of advance directives



# KEY POINTS

- Interesting differences in preferences among nurses when presented with the case of Mr Murphy as patient, parent and self.
- Irish nurses opted for 'palliative care' more often than their counterparts in other countries.
- The 'Intensive' treatment option was most popular choice for nurses in the USA and Israel
- Major influences on participant choices were  
**Lack of knowledge of patient wishes**  
**Duty of care.**
- Fear of legal action was **not** a major influencing factor, contrary to public perception.



**A Randomized controlled  
Trial of  
A Systematic Application  
of An Advance  
Directive Program**

*Molloy DW et al, JAMA 2000; 283:1437-1444*

# Objectives

To determine the effects of the Let Me Decide program among institutionalized elderly on:

- ➔ Patient and family satisfaction with involvement in the level of health care received.
- ➔ Health care utilization and cost

# Design:

- ➔ A randomized controlled trial of three matched pairs of nursing homes in Ontario
- ➔ Each pair of homes was matched for size, resident characteristics, mortality and hospitalization rate.

# Design:

- ➔ One in each of the three institutions were randomized to receive the advance directive program and the others to conventional practice



# Intervention:

- ➔ The staff of each experimental home and associated hospitals received education about advance health care directives
- ➔ A trained nurse offered competent residents and families of incompetent residents in the experimental homes an opportunity to complete an advance directive.

# Results:

- ➔ Residents and families, nursing home and hospital staff were supportive of the use of advance directives
- ➔ Hospitalization data show a significant decrease in the number of hospital days in all three experimental homes for the prospective period compared to their matched controls.

# Results:

- ➔ An average of 63% of residents completed directives:
  - competent residents (50%)
  - families of incompetent residents (79%)
- ➔ **There was no significant difference in satisfaction between the control and the directive homes.**



A green leaf is positioned in the upper right corner, with a single water droplet falling from its tip into a blue pool of water. The impact of the droplet creates a series of concentric ripples that spread across the surface of the water. The background is a soft, out-of-focus blue, suggesting a clear sky or a calm body of water.

## Outcome measures:

- Satisfaction with the level of involvement in decision making process related to their care.
- Health care utilization and cost data was collected retrospectively and prospectively.

The background of the slide features a close-up of a vibrant green leaf on the right side. A single water droplet is captured mid-fall from the leaf's edge, creating a series of concentric ripples in the blue water below. The overall scene is bright and clean, with a soft focus on the water.

# Health Care Use

- More admissions to hospital in controls
- 5,400 nights in hospital in controls
- 2,400 nights in LMD homes
- More deaths in controls
- About \$2,000 less in LMD group

# RCT: Prospective Economic Cost Per Patient

Mean Cost per Resident (\$)

<b>Pairs Cost by Category</b>	<b>Experimental Homes</b>	<b>Control Homes</b>	<b>Difference (E-C) in cost per patient (\$)</b>	<b>P-value (1)</b>
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## Combined Homes

<b>Hospital Costs</b>	<b>1,772 (0)</b>	<b>3,869 (0)</b>	<b>-2,097</b>	<b>.0003</b>
<b>Drug Costs</b>	<b>1,606 (1,069)</b>	<b>1,370 (901)</b>	<b>236</b>	<b>0.149</b>

(1) P-value based on a one-sample t-test of the difference in means across nursing home pairs

# RCT: Prospective Economic Cost Per Patient

Mean Cost per Resident (\$)

<b>Pairs Cost by Category</b>	<b>Experimental Homes</b>	<b>Control Homes</b>	<b>Difference (E-C) in cost per patient (\$)</b>	<b>P-value (1)</b>
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## Combined Homes

<b>LMD</b>	<b>113 (113)</b>	<b>N/A</b>	<b>113</b>	<b>N/A</b>
<b>Implementation</b>				
<b>Total costs</b>	<b>3,490 (1,499)</b>	<b>5,239 (1,812)</b>	<b>-1,748</b>	<b>0.013</b>

(1) P-value based on a one-sample t-test of the difference in means across nursing home pairs

# Deaths and Discharges: Retrospective and Prospective Periods \*

Variable	12 Month Retrospective		18 Month Prospective		P-value
	LMD Homes	Control Homes	LMD Homes	Control Homes	
Number of Residents	655	672	527	606	-
Number of deaths (% of total Residents)	135 (21%)	117 (17%)	129 (24%)	167 (28%)	.20
Number of Discharges	13	23	10	16	-

\* Difference between Intervention and Control homes for patients participating in the prospective study after adjusting for baseline differences in the retrospective period

# Hospitalizations: Retrospective and Prospective Periods \*

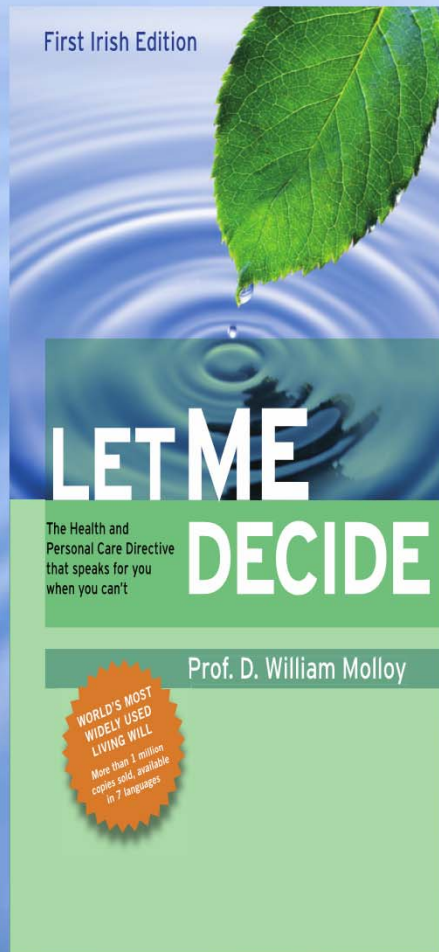
12 Month Retrospective

18 Month Prospective

Variable	LMD Homes	Control Homes	LMD Homes	Control Homes	P-value
<b>Number of Residents</b>	<b>655</b>	<b>672</b>	<b>527</b>	<b>606</b>	-
<b>Hospitalizations</b> (mean Hospitalizations per patient)	<b>197</b> <b>(0.30)</b>	<b>183</b> <b>(0.27)</b>	<b>143</b> <b>(0.27)</b>	<b>290</b> <b>(0.48)</b>	<b>0.001</b>
<b>Hospitalization Days</b> (mean Hospitalized days per patient)	<b>1728</b> <b>(2.64)</b>	<b>2024</b> <b>(3.01)</b>	<b>1378</b> <b>(2.61)</b>	<b>3551</b> <b>(5.86)</b>	<b>0.01</b>

\* Difference between Intervention and Control homes for patients participating in the prospective study after adjusting for baseline differences in the retrospective period

# *'Let Me Decide'* Pilot Study- Ireland



- Prof Willie Molloy
- Dr. Ciara McGlade
- Dr. Edel Daly
- Dr. Nicola Cornally

Funded by the Irish Hospice Foundation/Atlantic Philanthropies



## ***'Let Me Decide' Programme***

The systematic implementation of both an

Advance Care Planning using the

***'Let Me Decide'*** Advance Care Directive

and

a **General Palliative Care Educational Programme**

In long-term care institutions in Ireland





**Aim:** To evaluate the systematic implementation of the LMD-ACP programme in three long-term care sites

**Design:** Two year before/after pilot study. Mixed method evaluation (Qualitative and Quantitative measures)

**Sample:** Three Nursing Homes in Ireland (n residents=290)

**Intervention:** Let Me Decide advance care planning and palliative care education programme

**Outcomes:** Staff knowledge, learning needs, barriers to ACP, up take of ACP/ACD among residents, compliance with ACD/ACP, acute hospital utilisation and quality of death and dying (from family and staff perspective), impact on care environment

# Why palliative care component?

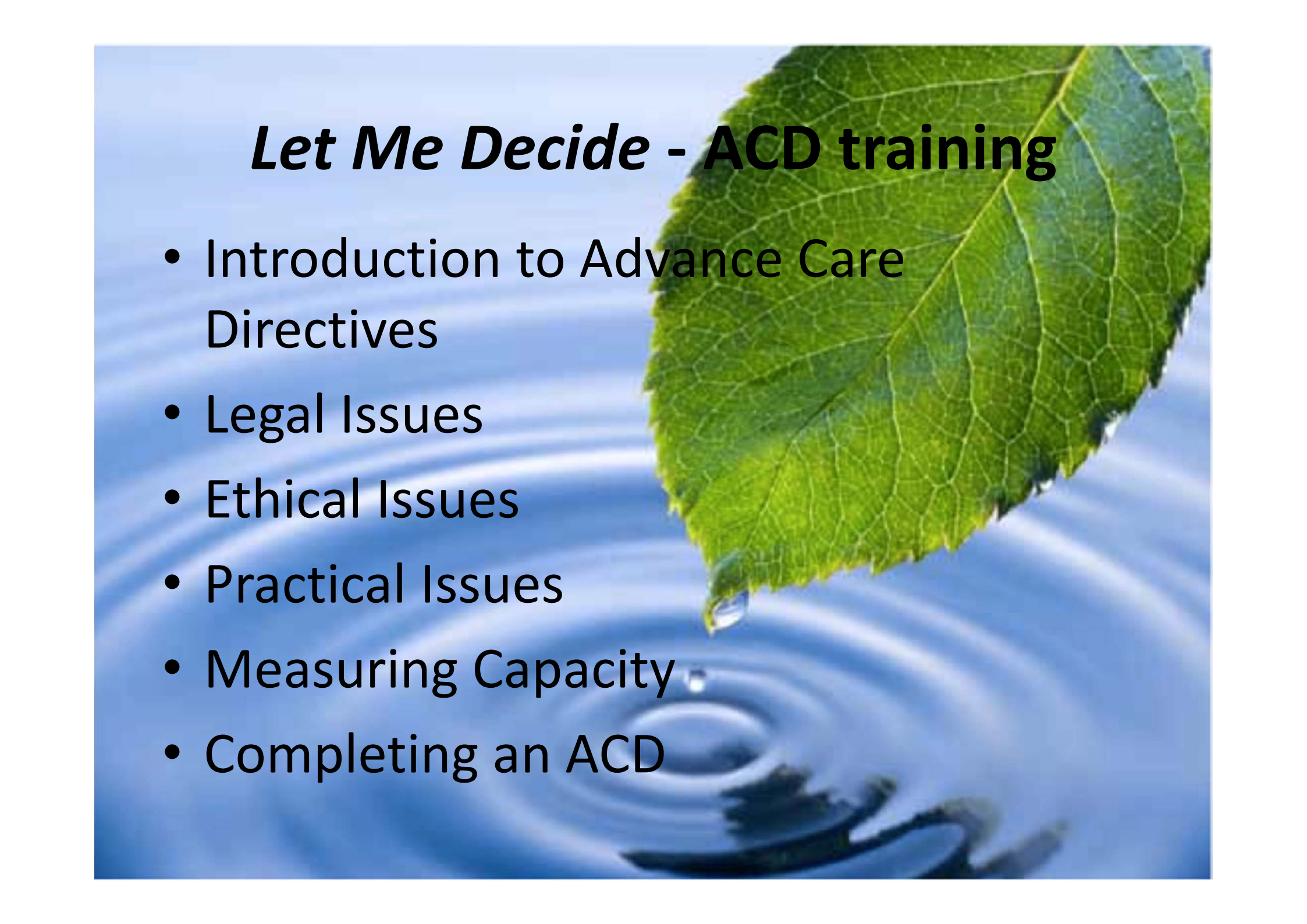
- Evidence that ACD increase the demand for palliative care
- Evidence of unmet palliative care needs of residents in long-term care
- Evidence of unmet palliative care educational needs of staff in long-term care

# Baseline data on Nursing Homes

- **Profile of home** questionnaire
- Baseline residents' demographics
- Staff **Palliative Care educational needs**
- **Attitudes and Barriers** to implementation of Advance Care Planning
- **Chart review** of all deaths in the previous year
- **Quality of Dying and Death (QODD) survey** - to assess the death from the perspective of the relative of deceased resident

## Baseline Data

- Suggests high satisfaction with care received
  - Some really good initiatives (easily copied)
- Low level of advance care planning
  - Usually left until person is dying
- Of those who died in LTC
  - 8-11% were transferred in last 3/12,
    - Of these 56% died within 2/52 of return to LTC
- 6-22% died in hospital
  - Local study suggests 14-37% of transfers inappropriate or avoidable
  - Potentially burdensome or unwanted ..... plan ahead!

A close-up photograph of a vibrant green leaf with a single water droplet hanging from its tip. The droplet is about to fall into a blue body of water, creating concentric ripples. The background is a soft, out-of-focus blue.

## ***Let Me Decide - ACD training***

- Introduction to Advance Care Directives
- Legal Issues
- Ethical Issues
- Practical Issues
- Measuring Capacity
- Completing an ACD

# Let Me Decide – Palliative Care Education

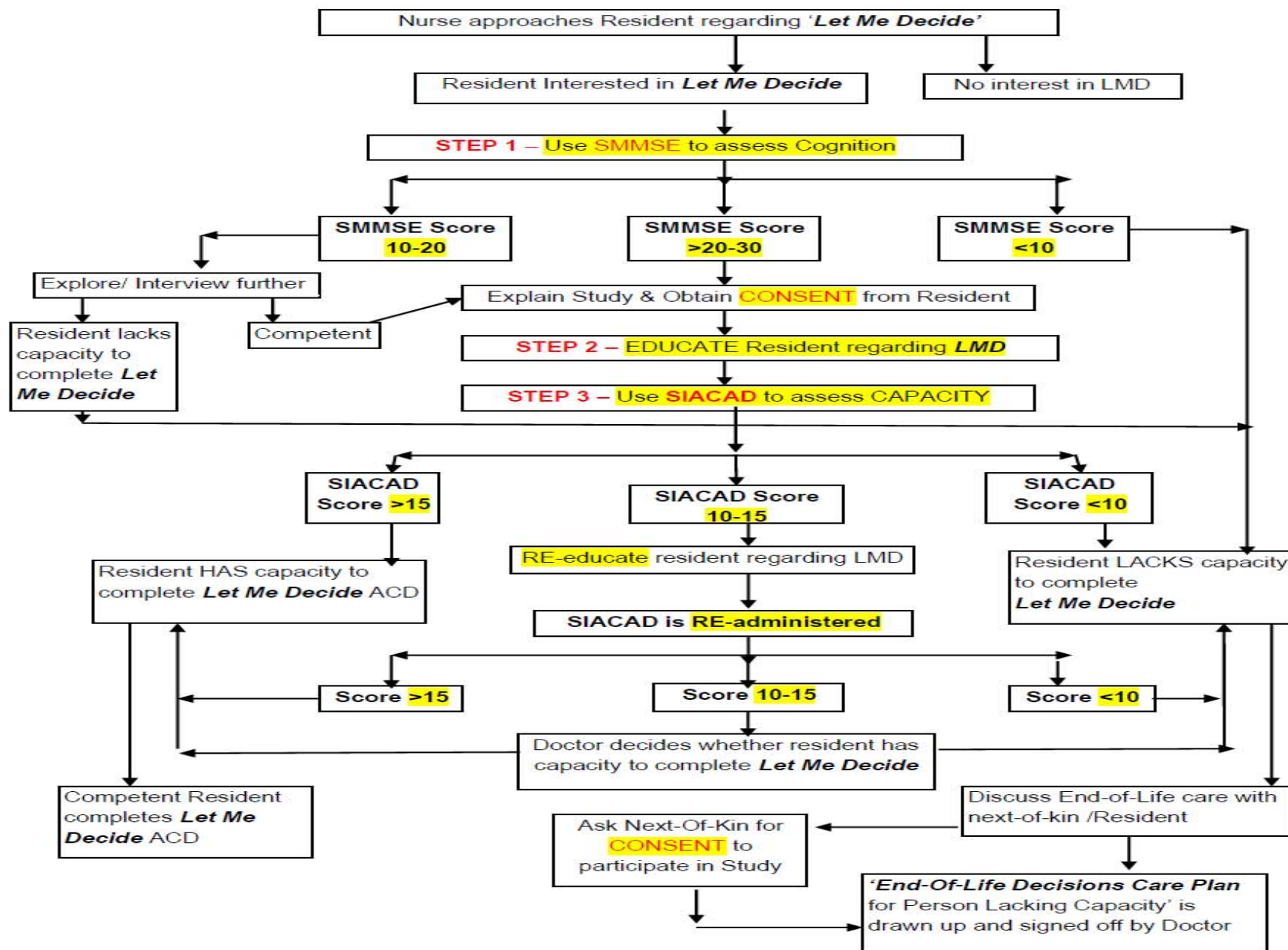
- General palliative care education
- Aimed at LTC staff
  - First 3 sessions for nurses & Healthcare assistants
  - Last 3 sessions for nurses
- Five core topics
  - Informed by Staff Learning Needs Questionnaire  
(to build on knowledge & experience of staff)
  - Informed also by the Palliative Care Competency Framework



## ***Let Me Decide-Irishified***

- Different legislation here in relation to both ACDs and medical decision-making for people lacking capacity
- Irish edition of '*Let Me Decide*' book (2011)
- LMD form altered for Irish LTC population
- Additional form developed for care planning for residents lacking capacity
- Policy development for institutions

## Decision Tree for Implementing “Let Me Decide”





# Advance care planning and Advance Care Directive up-take

- Following implementation, over 50% of residents had some form of end-of-life care plan in place (advance care directives; advance care plans; or end-of-life care plans for those with diminished capacity).

Nursing Home	ACDs/EOL Care Plans completed (%)
1. 120 Beds	N = 68/120 (57%)
2. 97 Beds	N = 58/97 (60%)
3. 79 Beds	N = 39/79 (50%)

# Compliance with wishes

- Despite the high prevalence of cognitive impairment, at least 10% of residents had capacity to complete their own advance care directive.
- Of 70 residents who died during the study period, 84% had an end-of-life care plan in place (12% of these were advance care directives).
- Compliance rates: Of those who died, wishes were fully adhered to in 95% of cases.

# Staff survey

## Before (n=87)

- 50% had no palliative training
- 40% would feel confident about discussing end of life issues with residents and family
- Palliative care learning need as indicated by over 90%:

Pharmacological Management of Pain and opioids & Understanding the emotional needs of the dying patient

- Barriers to ACP were lack of knowledge among general population and staff and lack of sufficient time to educate resident/family

## After (n=93)

- 82% found our palliative training 'very useful'
- 90% believed that every competent person should become more involved in their decision making
- Pain management remains a 'very important' learning need for over 70%
- 65% felt confident educating and completed ACP/ACDs with residents and family

# Qualitative Evaluation of the programme

- Focus groups were conducted with 15 nurse managers/DONs and staff that were involved in implementing the programme.
- Length of focus groups varied between 51mins-72mins

Participants asked to describe 'Let Me Decide' in one word



Categories	Subcategories	Codes
Implementing advance care planning	Directing care	Essential for practice
	Implementation of the programme	Care planning for the future
		Fear of unknown
		Support from research team
Emotive process	User friendly resources	
Benefits	Enhancing communication	Emotive process
		Pathway for difficult conversations
	Changing care culture	Normalising death
		Building relationships
Avoiding crisis decision making	Composed care environment	
Preference-based care	Promoting multi-disciplinary awareness	
	Enhancing practice and profession	
Challenges	Establishing capacity	Reducing emotional distress
		Family preparedness
	Enactment of ACP	Reduce end of life hospital transfer
Knowing how to care		
Disadvantages	Resource Intensive	Dignity to decide
		Persons lacking capacity
	Indecision	Capacity assessment
Borderline capacity		
Recommendations	Education/training	Ensuring compliance
		GP involvement
	MDT approach	Legal aspects
		Gaining consensus
	Documentation	Misperceptions of purpose
Not for everybody		
External support	Time and Effort	
	Introduce concept around admission	Reviewing and updating
Introduce concept around admission	Education/training	Train the trainer model
	MDT approach	Blended approach and simulations
Documentation	Documentation	Role of senior nurse and managers
	External support	Getting everyone involved
Introduce concept around admission	Introduce concept around admission	Capturing conversations
		Sticker alerts on charts
Introduce concept around admission	Introduce concept around admission	Link facilitator
		Freely available ACP tool kits
Introduce concept around admission	Introduce concept around admission	Introduce concept around admission
		Introduce concept around admission

'we are just negligent to look after people without finding out what their wishes are and I think we have no right to look after people without asking them-give them the opportunity'.

Demonstrating the significance of implementing ACP/ACDs

"I think it has made end of life care in general smarter since we started it. I think we have examined critically our end of life care"

LMD has enhanced practice

"we have had a reduction in the number of transfers to acute hospital at the end of life, the staff are happier that they are not seeing dying residents transferred out of their home to a busy A/E Department. There has been an increase in staff morale"

These observation by staff have been confirmed by quantitative data

"It requires engagement on a deeper level particularly with family members and it means getting involved in discussions that heretofore may have been avoided or deferred so as not to upset people."

LMD enhanced communication and normalised death – one resident even thanked staff for giving them the **dignity to decide.**

"I have received very positive feedback from relatives after their loved one has passed away and some of the feedback directly relates to the level of preparedness of the family and next of kin as a result of LMD. Being prepared and understanding what to expect at this difficult time has helped family members deal with the loss of their loved one."

Benefits of the programme have extended to reducing family distress and creating a sense of preparedness at end of life

# QODD – Family

- Before (n=104)

- Did you get to spend time with relative in the last week of life?

Yes 100 (96%)-Before

Yes 52(98%) – After

- Were you with relative when they died?

Yes 59 (56%) – Before

Yes 39 (76%) – After

- Rate the quality of care provided (v-poor /v-good)

V-good 88 (84.6%)- Before

V-good 43 (81.1%)- After

- Rate Quality of Death (1= terrible 10=almost perfect)

Rate 8-10 inclusive 53(53.5%)- Before

Rate 8-10 inclusive 25(48.1%) – After

- After (n=51)

Overall there was little change in quality of care provided or quality of death and dying

“...I completed the advance care directive on mums behalf which I am sure helped the doctors and nurses decide on appropriate care”

# Staff perception of end of life experience

Symptom	Staff Nurse (n=15)	Healthcare assistant (n=15)	Kappa value (95% CI)	P-value
Pain	28.6%	71.4%	.28 (-.03-.58)	.13
Nausea	10.0%	40.0%	.29 (-.19-.76)	.20
SOB	45.5%	45.5%	.63 (.17-1.00)	.04
Cough	16.7%	33.3%	.57 (.08-1.00)	.03
Seizure <sup>1</sup>	-	-	Seizure present constant	-
Hallucination	9.1%	0.0%		-
Constipation	0.0%	16.7%		-
Diarrhoea	40.0%	40.0%	.58 (.07-1.00)	.07
Agitation	33.3%	44.4%	.77 (.35-1.00)	.02
Dry Mouth	35.7%	57.1%	.31 (-.13-.76)	.20
Secretions	50.0%	40.0%	.40 (-.16-.96)	.20
Fatigue	46.2%	53.8%	.54 (.09-.99)	<.05
Decreased Appetite	64.3%	71.4%	.84 (.53-1.00)	.001

**Table 1 Inter-rater reliability of the pain and symptom experience at end of life scale**

<sup>1</sup> none of the patients experienced seizure symptoms

- Mean scores on the global rating of care scale demonstrated that nurses (M=1.29) and healthcare assistants (M=1.13) perceived the care delivered to be totally acceptable (1=totally acceptable 5= totally unacceptable).
- When asked to rate the quality of dying and death experience from 1-5 (poor - excellent), there was little disparity among raters with mean scores in excess of 4.53.



# Challenges to Implementation

## RESULTS

### Challenges and barriers to implementation

Key challenges identified during the implementation process are outlined in Box 1:

#### Box 1 Key challenges identified in implementing advance care planning

- Difficulties for management in releasing staff for training
- Reluctance of staff to take ownership of the ACP process, seeing it as a role for management
- Lack of staff confidence and experience with ACP and ACDs
- Lack of adequate time to deliver ACP to residents and their families
- Difficulties educating residents with cognitive impairment
- Failure of other healthcare professionals to recognise completed ACP forms.

# Informal Feedback

Recently, an intensive care specialist offered us her views on the usefulness of introducing ACP to LTC residents:

*"As clinicians working in intensive care, we all too often see the result of the lack of clear directives in nursing home patients, whereby wholly inappropriate treatments - ventilation, dialysis, surgery are undertaken on people with no hope of return to even the baseline function they had before the acute illness. We often spend days talking to families and primary care physicians, to negotiate some kind of death with dignity in these circumstances, and withdrawal of invasive and futile therapies. In fact, a large part of our job is to manage dying and the expectations of families and doctors.*

*"The sensitive and supportive way you guided us through the Advance Care Directive decision-making process is greatly appreciated by all of us and by mother in particular (spouse of resident). Although my mother found some of the conversations difficult, she accepts it had to be done and that it was a good idea to get something in writing signed off".*

Just to say thanks for including us in the let me decide project. We recently had a young man admitted who had 4 cardiac arrests and subsequently suffered brain damage. We did his end of life care plan on admission. He deteriorated rapidly one day and thankfully had a dignified and peaceful death. His family were relieved, even though initially they were a bit taken aback at the prospect of him not being resuscitated - considering he had survived 4 previous attempts!

Its certainly the way to go and has been a tremendous help to us in caring for people at the end of their life.

Thanks again

# Future Plans



## **HRB application €350,000**

- Large randomised pilot (parallel-arm cluster RCT with subsequent cross-over whereby the control converts to active)
- 6 homes recruited and matched based on clinical/demographic profile and randomly assigned to groups

## **Collaboration**

- Working with EU partners in different settings e.g. Portugal, Spain.
- Starting in the community now.

## **Innovative aspects from pilot**

- Development and testing of education materials- including simulation model
- Educating broader healthcare team (including topics on medication management and prescribing at end of life)
- Testing new staff measurement tool (SPELE)
- Development and testing of patient centred measurement (Patient Experience of Pain and Symptoms at End of Life (PEPSEL))- PhD student employed 2015-2018
- Health economics work package

# Educational Materials

- Let Me Decide Book
- Training program on line for LMD and palliative care with CME credits and certification.
- Let Me Decide translations
- Let Me Pass Gently: Guide to LMD
- Workshop
- Lecture materials
- Instruments to measure quality of care in patients with cognitive impairment.

# Key publications for Q1 2015

- Cornally N, Weathers E, Coffey A, Daly E, McGlade, C, Molloy, D.W. Measuring staff perception of end-of-life experience (SPELE) of older adults in long term care. Accepted; Applied Nursing Research
- Daly E, Cornally N, Coffey A, McCarthy, J, Weathers E, Molloy, D.W. Challenges in implementing Advance Care Planning in long-term care. Accepted; Nursing Ethics
- Weathers E, Cornally N, Coffey A, Daly E, O’Caoimh R, Molloy, D.W. Planning for end-of-life: a systematic review of randomised controlled trials conducted in older adults, Submitted to The Gerontologist 2015, under review.
- Cornally N, McGlade C, Weathers E, Daly E, Fitzgerald C, O’Caoimh R, Coffey A, Molloy DW. Evaluating the systematic implementation of the 'Let Me Decide' advance care planning programme in long term care through focus groups: A user's perspective. Submitted to BMC Palliative Care 2015, under review.

Thank you

