World Café approach: exploring the future vision of oral anticoagulants for patients with atrial fibrillation (AF) in Ireland

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ABSTRACT

Objectives To explore and reflect on the current anticoagulation therapy offered to patients with atrial fibrillation (AF), potential challenges and the future vision for oral anticoagulants for patients with AF and healthcare professionals in Ireland.

Design A multistakeholder focus group using a World Café approach.

Participants Nine participants from academic, clinical and health backgrounds attended the focus group together with a facilitator.

Results Enhanced patient empowerment; more effective use of technology and developing system-based medical care pathways would provide improved supports for AF management. The challenges in providing these include cost and access issues, the doctor–patient relationship and the provision of education. While consensus for developing evidence-based pathways to maximise efficiency and effectiveness of AF treatment was evident, it would require a shared vision between stakeholders of integrated care. The benefits of embracing technological advances for clinicians and patients were evident; however, clinicians indicate this can increase pressure on already stretched resources; coupled with institutional barriers (including scarce resources) arising from the complex nature of anticoagulation for patients with AF, which emerged strongly. Including the unpredictable nature of warfarin, hidden costs associated with monitoring, adverse clinical effects, different patient cohorts (including those prescribed anticoagulant for the first time vs those switching from warfarin to a new oral anticoagulant (NOAC)), non-adherence concerns and undesirable impacts on patients’ daily lives.

Conclusions While anticoagulation therapy for patients with AF using NOACs has been widely adopted and is diffusing into routine practice, significant operationalisation issues and barriers to effective treatment/management persist. The reflections reported in this study are a catalyst for future discussion and research.

INTRODUCTION

Long-term oral anticoagulation therapy is routinely used to reduce risk of atrial fibrillation (AF)-related stroke and can prevent approximately two-thirds of AF-related strokes. Until recently warfarin was the go-to oral anticoagulation therapy. However, with the emergence of the new oral anticoagulants (NOACs) (also referred to as direct oral anticoagulants) additional choices are now available. These NOACs have revolutionised the treatment of AF and are expected to reduce under-prescribing and high discontinuation rates traditionally associated with oral anticoagulation therapy. While NOACs have been on the market for some years, their adoption has been slower in some jurisdictions like Ireland; where warfarin was until recently the ‘preferred drug’ recommended by the national Medicines Management Programme. Latterly, apixaban has been declared as the preferred NOAC that can be used as first-line treatment if a patient has tolerability or other issues with warfarin. Nevertheless, NOACs are increasingly being prescribed and adopted into routine practice. For example, between January 2013 and August 2015, there was a 4.5-fold increase in the number of patients on NOACs.
Expenditure on NOACs increased sixfold between 2014 and 2017, while expenditure on warfarin in the same period decreased by approximately a third. This diffusion and adoption of new drugs is an important element in the innovation process. While prescribing guidelines for oral anticoagulants for stroke prevention in non-valvular AF are available there is currently no National Clinical Guideline for managing patients with AF prescribed oral anticoagulants for stroke prevention.

Warfarin is a difficult drug to use safely due to the tendency to cause interactions with other medicines and its narrow therapeutic range, leading to increased risk of bleeding while on treatment; necessitating international normalised ratio (INR) monitoring (a test measuring how long it takes the blood to clot), which is costly for patients and providers. NOACs offer a number of advantages, most particularly obviating the requirements for INR-level monitoring necessary with warfarin therapy. However, there are caveats and cautions owing to their side effects. Monitoring of renal and liver function as well as for unexpected bleeding episodes or thrombosis; compliance to therapy; and drug interactions is recommended. While the American College of Cardiology, American Heart Association and European Society of Cardiology have developed and recommended clinical practice guidelines on use of NOACs, recent research in Ireland and elsewhere suggests suboptimal adherence to such guidelines and mixed experiences and views among clinicians managing patients with AF prescribed NOACs. In the case of Ireland, a survey of general practitioners (GP) identified lack of integration between primary and secondary care and knowledge gaps among prescribers with regard to prescribing decision-making and managing patients with AF prescribed NOACs (in the absence of INR monitoring requirements).

While there is an abundance of evidence from systematic trials and meta-analysis on the efficacy and effectiveness of safety of oral anticoagulation therapy in the management of AF, there is limited qualitative evidence capturing both the clinicians and patients’ views simultaneously. Generating qualitative evidence provides the opportunity to add depth and ensuring focus on patient-level care. This study contributes to this gap, employing participatory methods to explore the current situation and future vision for managing patients with AF with oral anticoagulants from multiple perspectives. Now is an important time to influence how NOACs are diffused and adopted to inform National Clinical Guideline development, before diffusion is widespread. This paper is a reflection on current anticoagulation therapy offered to patients with AF, with some key challenges facing patients with AF and healthcare professionals prescribing and managing AF treatment identified, using a World Café methodology via a multistakeholder focus group.

METHOD
A multistakeholder focus group took place on the 12th April 2019, between 11:00 and 16:00 in a private function room on the university main campus. The focus group was organised by the authors as part of ongoing research on anticoagulants involving academics from the Department of Economics and the Department of General Practice in an Irish university. The focus group centred on the future of AF management in the era of NOACs. The World Café method, a conversational process permitting productive discussion around critical questions, was chosen to facilitate face-to-face dialogue between participants. Participants were seated at a round table and invited to discuss the theme ‘Anticoagulants the changing environment—the future of Atrial Fibrillation management in the era of NOACs’ during dedicated breakout and plenary sessions. There were four rounds arranged as follows: (1) a back-casting exercise encouraging participants to picture the future of anticoagulation; (2) metrics for achieving the future outlined in (1); (3) removing barriers; and (4) key deliverables. Online supplemental table 1 provides an overview of the scheduled programme of the focus group and the four discussion rounds.

A convenience sampling method was adopted for this study. Participants were invited by email to attend the focus group and a skilled facilitator was employed to structure the focus group, ask prompting questions and provide each participant with an equal chance to contribute their opinion. Participants were purposefully selected to ensure diverse representation of different stakeholders (i.e., profession (doctor, nurse, pharmacist, and so on), working environment (primary and secondary care)). Two dedicated scribes were present to record the views and personal experiences of participants with their permission. The results are presented in line with the Standards for Reporting Qualitative Research (SRQR).28

Patient and public involvement
Several patient advisory groups were contacted to attend the multistakeholder focus group, only one group responded positively and a patient contributor attended and participated in the focus group. Prior to publication the patient representative reviewed the findings and gave permission for their comments to be included in the dissemination.

Data analysis
Qualitative thematic analysis employing the six-step framework (Braun and Clarke29) was used to identify themes. The thematic analysis provides a flexible approach for analysing qualitative data. The adopted six-step framework approach offers a less linear, rigid process whereby an iterative approach is adopted to reveal further key themes or issues, as presented in table 1. Coding is presented in online supplemental tables 2–4.

RESULTS
Nine participants accepted the email invitation to attend the focus group, a 32% response rate. See online
supplemental table 5 for participant’s details. The narrative, grounded in the experiences of stakeholders, highlights a number of contextual factors that influence the future direction of anticoagulant treatment for patients with AF in Ireland. By identifying and classifying individual themes, this section assists in categorising key practical, managerial and strategic issues which are likely to influence future opportunities and challenges in treatment of patients with AF in Ireland. The two overarching themes are: (1) supporting AF management and (2) the potential barriers to effective treatment. Furthermore, six subthemes were identified from the transcripts relating to patient empowerment, system-based medical care pathways, technologies, anticoagulant issues, switching to NOACs and barriers to effective treatment (figure 1). These themes illustrate future opportunities and challenges facing academics, policymakers, health practitioners and patients in the design and implementation of systems of AF treatment. Online supplemental table 6 presents the completed SRQR.45

Theme 1. Supporting AF management

Patient empowerment

The cost and access to medical treatment were identified as key barriers to empowering patients with AF in Ireland. Participants highlighted the importance of taking into account the full cost of AF treatment including travel, parking and time-off work for patients and accompanying family members.

Doctor–patient communication plays a central role in developing effective doctor–patient relationships.30 Both academics and patients identified a breakdown in doctor–patient communication as a potential barrier to patient

![Figure 1](http://bmjopen.bmj.com/)

**Figure 1** Thematic map of future of atrial fibrillation (AF) management. NOACs, new oral anticoagulants.
empowerment. Multiple reasons have been suggested as the causes of this miscommunication. Participants identified fear and anxiety among both clinicians and patients as potential barriers. Participants point to instances where the patient knowingly provides incorrect information or takes actions that distort test results. This can contribute to a lack of trust in the doctor–patient relationship, with increased fear of litigation on the part of the clinician. This can have a significant impact on the AF treatment process and health outcomes.

The importance of health literacy was highlighted as a key factor in improving doctor–patient communication and enhancing patient empowerment among participants. They proposed that improvements in patient education and health literacy will contribute to improvements in both patient confidence and doctor–patient communications (see table 2).

<table>
<thead>
<tr>
<th>Theme</th>
<th>Subtheme</th>
<th>Reflection</th>
<th>Exemplary quote</th>
</tr>
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<tbody>
<tr>
<td>Supporting AF management</td>
<td>Patient empowerment</td>
<td>The access and cost of medical treatment is a key barrier to patient empowerment.</td>
<td>'In Scotland, I could buy my strips in a local pharmacy. Here I have to be chasing delivery vans for two days at a time because they won’t leave them at my house [if I am not there] because it is a medical delivery. I have to order them three weeks in advance and pay €117 and €20 delivery.'</td>
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<tr>
<td></td>
<td>Doctor–patient communication plays a central role in patient empowerment.</td>
<td></td>
<td>'The biggest fear is asking your doctor or specialist about your condition. Irish people have a habit of not reviewing their medication. They don’t question it and they should. You need to be as informed as possible in order to review your medication.'</td>
</tr>
<tr>
<td></td>
<td>Education and health literacy are the biggest barriers to patient empowerment.</td>
<td></td>
<td>'The biggest barrier is medical education. There is also the issue of the medicine management.'</td>
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<tr>
<td>System-based medical care pathways</td>
<td>Need to develop a shared vision for an integrated care pathway for AF treatment.</td>
<td></td>
<td>'Can we get an integrated care pathway? We need to get the HSE on board and involve stakeholders at a national level.'</td>
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<td></td>
<td>There are a variety of healthcare professionals (primary doctor, pharmacist, nurse) who could provide education and follow-up.</td>
<td></td>
<td>'They could move this out of the hospital and into the community. Patients don’t need the same level of access to the hospital.'</td>
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<tr>
<td></td>
<td>Preventative health measures should be emphasised as opposed to reactionary health measures.</td>
<td></td>
<td>'Currently, 10% of over 65s have an AF screening. The vision would be for at least 75% of over 65 to have a screening.'</td>
</tr>
<tr>
<td></td>
<td>Data-driven environment required to maximise the efficiency and effectiveness of AF treatment.</td>
<td></td>
<td>'Practical guidelines, information sharing to keep everyone involved, unique identifiers so that patients do not need to repeatedly tell their story starting from scratch.'</td>
</tr>
<tr>
<td></td>
<td>Clinician IT empowerment will contribute to increased diagnosis and more efficient decision-making.</td>
<td></td>
<td>'There will likely be an explosion in diagnosis coming with new decision support tools that will be available in the future.'</td>
</tr>
<tr>
<td></td>
<td>Patient IT empowerment will contribute to increases in effectiveness and efficiency of diagnosis.</td>
<td></td>
<td>'Patients [using personal devices] get a mobile reading about an acute episode and figure out a way forward. They can get a rapid diagnosis by themselves within 24 hours.'</td>
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AF, atrial fibrillation; HSE, health services executive; IT, information technology.

System-based approach to medical care pathways
There was a general consensus among participants that an integrated medical care pathway was required to maximise the efficiency and effectiveness of AF treatment. Integrated care pathways provide an outline of anticipated multidisciplinary care and associated timeframes, for patients with a specific condition/set of symptoms, to enhance outcomes. The development of an integrated pathway requires a shared vision among multiple stakeholders across the healthcare sector, the transfer of AF treatment from the hospital to the community and using potential benefits from technology to improve data collection, monitoring and patient outcomes. As such, the participants identified stakeholder integration as an important preliminary step in the development of integrated care systems for AF treatment. Participants noted that this vision requires a shared message to be adopted
by multiple stakeholders across the healthcare system at national, regional and local levels (see table 2).

Location of care providers
There was a general consensus among the participants that a redesign of the medical care pathway was required to maximise the efficiency and effectiveness of AF treatment. The majority of participants suggested moving AF treatment out of the hospital and into the community pharmacy. Participants noted that AF treatment requires multiple healthcare professionals including doctors, pharmacists and nurses. However, there was some disagreement regarding the redesign of the system with some participants pointing to dangers of transferring AF treatment from secondary to primary care. The redesign of the AF medical care pathway is far from straightforward and requires careful design and implementation. The participants identified challenges relating to scarcity of resources, defining and conceptualising the boundaries between primary and secondary care, and the linkages between the two. Furthermore, some participants highlighted the potential negative impacts of such changes from a business/financial perspective for general practice. In a redesigned system though, using mainly NOACs, the balance ought to be skewed much more towards primary care—but not to the exclusion of secondary care.

Preventative healthcare
Participants emphasised the need to increase preventative health measures through screening for early detection of potential health issues which increases the likelihood of successful AF treatment. One participant identified poor lifestyle choices and changes in population demographics as key factors influencing the need for preventative healthcare. Another participant highlighted the relatively small portion of the population over the age of 65 that have access to AF screening, which they identified as a useful future metric.

Data-driven environment
There was general consensus among participants that management of AF in the future needs to be driven by data collection to facilitate treatment plans tailored to specific patient needs, while remaining evidence based. One participant identified the potential of integrated data-driven systems for reducing the burden on both healthcare practitioners and patients during the treatment process. Participants highlighted numerous benefits of integrated data systems including increased patient empowerment, reductions in fear of litigation and more efficient and effective decision-making.

Impact of technological advancement
Participants also identified the potential for advancements in technology, now that patients have smart watches and phones, to contribute to improvements in both clinician and patient empowerment. The potential benefits of technology at a macro level include increased accessibility, improvements in efficiency and increased diagnosis. Considerable growth in the number of diagnoses resulting from technological advancements is anticipated. Furthermore, a participant suggested a significant increase in the number of people prescribed anticoagulants, with 9 out of every 10 expected to be prescribed NOACs, rather than warfarin. In addition, participants highlighted the potential for advancements in technology to facilitate patients taking ownership over their own health, transforming the doctor–patient relationship and providing patients with management capabilities over their own treatment (see table 2).

Theme 2. Potential barriers

Anticoagulant issues
Both clinicians and academics highlighted the need to take a more holistic perspective of the cost associated with warfarin. Specifically, they asserted the need to consider both short-term and long-term cost implications for the Irish healthcare system. Despite the perceived short-term savings, participants suggested that the cumulative direct and indirect costs of warfarin often outweigh that of alternatives such as NOACs over a longer period of time. For instance, one participant pointed towards how some clinicians are unaware of the differences in monitoring costs between warfarin and NOACs.

The participants also discussed how adverse effects from warfarin are particularly common among elderly patients who, as it happens, also account for the largest patient group who are prescribed the drug. One participant spoke of the personal impact of warfarin’s adverse effects on quality of life and provided emotional accounts of the gastric bleeds that regularly occur. The participant felt that ‘anything would be better’ than warfarin and spoke on behalf of users of the drug by noting that clinicians often do not have an appreciation of the day-to-day suffering experienced by patients who are using the drug, and if they did it may influence their prescribing behaviour (see table 3).

Effective treatment
At an institutional level, resource availability in both primary and secondary care settings was identified as a key barrier to the effective treatment of anticoagulants. One participant noted how shortfalls in nursing staff who are treating patients with AF within a primary care setting has placed excessive pressures on clinicians in primary care and hospitals, leading to them treating a larger number of patients. Given the numerous responsibilities that both GPs and clinicians must cater for on a daily basis, time constraints were identified as an institutional barrier for effective treatment. Some participants emphasised how this sometimes impeded their ability to deliver effective treatment using anticoagulants. Other participants responded in agreement, signalling the lack of slack in schedules to allow for quicker GP referral and more time per patient appointment.

The opportunities available via digital solutions, such as wearable health trackers, which could allow a growing
number of patients to monitor their own well-being, were met with enthusiasm among the participants. Even the advantages of basic communication media, such as email, to enable patients to interact with clinicians more easily, were cited. However, some participants were more ambivalent towards the empowerment that information technology (IT) provides patients, as they were concerned about the extra demands that these technologies place on the workloads of busy doctors and clinics. As an example, it was noted how new resource pressures were being created by technology, such as wearable trackers and email, as they increase the accessibility of clinicians to patients, and patients to clinicians. They spoke of how the rising volume of communication has created a sense of helplessness among clinicians which inevitably means that some critical messages are being inadvertently ignored.

Patient non-adherence, due to forgetting to take their medicines and/or failing to follow instructions, was identified as barrier to effective treatment. However, one participant warned against the introduction of ‘big brother’ surveillance tactics to ensure medication adherence among patients, citing it as intrusive. Instead, discussions centred on addressing asymmetries of information between clinicians and patients. Other participants spoke of clinicians’ reliance on paper-based records and the lack of systems integration between primary and secondary care. Clinicians require patients to disclose all relevant information during appointments to address incomplete patient records. However, clinicians felt that patients’ forgetfulness and piecemeal documentation of medical information could lead to lawsuits arising from medical errors (see table 3).

### Switching to NOACs

One barrier to switching to NOACs was the clinician’s lack of adherence to the guidelines for anticoagulant prescriptions. Participants discussed how the majority of respondents were not currently following all aspects of the proposed guidelines around anticoagulant prescription, despite the high volume of prescriptions. Participants also noted how ambiguities inherent in the guidelines for anticoagulant prescriptions were inhibiting a switch to NOACs. For instance, guidelines mention both 3-month and 6-month review intervals. Such ambiguity could be

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<tr>
<td>Effective treatment</td>
<td></td>
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<tr>
<td>Resource scarcity</td>
<td>‘Doctors and nurses are critically short [in number].’</td>
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<tr>
<td>While technology can empower patients, it may also create resource pressures for clinicians.</td>
<td>‘The resources haven’t caught up with the technology. I’m sent multiple things, and also patients phone to say they’re coming in. But still there is a list I have to process.’</td>
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<tr>
<td>Patients do not always adhere to medication prescriptions, which creates clinician distrust.</td>
<td>‘There is a “life is busy/tablets are busy” conflict. However, many patients don’t realise that the tablet is preventing stroke.’</td>
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<tr>
<td>Switching to NOACs</td>
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<td>Uncertainty around guidelines is an issue when switching to NOACs.</td>
<td>‘Guidelines and recommendations are needed on how many times you should bring patients back. The pharmacist goes to the GP if something is wrong.’</td>
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<td>There is a need for patient education in order to improve patient–clinician communication.</td>
<td>‘Patient education and empowerment are crucial. Patients that are on the drug for years think they know, but research does not back this up. We need to make every contact count. There needs to be one message. [This allows patients to] come along on the journey, through a collaborative approach.’</td>
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DOAC, direct oral anticoagulant; GP, general practitioner; NOAC, new oral anticoagulant.
an inhibitor to change. The participants called for new guidelines which would address these uncertainties and increase clinician confidence when switching to NOACs. Additionally, they spoke about how clinicians’ past experiences of prescribing warfarin should be considered when trying to promote a switch to NOACs. GPs who have experienced negative patient outcomes from warfarin may be more likely to switch to NOACs.

Questions were also raised about how clinicians currently triage patients to determine whether the prescribing of anticoagulant drugs was appropriate. Given the impact that drugs such as warfarin can have on a patient’s quality of life, clinicians found it important to approach this prescribing decision with due care. Participants pointed to the need for doctors and patients to be informed of the economical and clinical grounds supporting the use of NOACs. In particular, they pointed towards the empowering nature of education for patients, suggesting that an increase in patients’ medication literacy can enable them to become a collaborator in their own healthcare. The delivery of a consistent and reinforced message around patient care was identified as crucial (see table 3).

**DISCUSSION**

The multistakeholder focus group identified that enhanced patient empowerment, more effective use of technology and developing system-based medical care pathways would provide improved supports for AF management. Nevertheless, there are challenges in providing these (including cost and access issues) with the doctor–patient relationship and education being imperative to its effectiveness. While consensus for developing evidence-based medical care pathways to maximise efficiency and effectiveness of AF treatment was evident, it would require a shared vision between stakeholders for integrated care. Divergence on where the services should be located was found.

Clinicians also emphasised the need to include preventative healthcare in the dedicated medical care pathway. While the benefits of embracing technological advances for clinicians and patients are anticipated (and still being investigated), there is a caveat that it can increase pressure on already stretched resources; coupled with institutional barriers (including scarce resources), barriers arising from the complex nature of anticoagulation for patients with AF, including: the unpredictable nature of warfarin; hidden costs associated with monitoring; adverse clinical effects; different patient cohorts (including those prescribed anticoagulant for the first time vs those switching from warfarin to a NOAC); non-adherence concerns and undesirable impacts on patients’ daily lives.

This study reflects on data collected via one multistakeholder focus group that facilitated face-to-face dialogue between multiple stakeholders including clinicians (general practice, cardiology, geriatrics and pharmacology), a patient and academics (healthcare and health economics) using an experienced facilitator. The World Café method facilitated a constructive dialogue, featuring equitable contribution and participation among participants, generating collective knowledge sharing. A wide range of qualitative evidence generation and analysis techniques have been employed in the literature examining anticoagulation and NOACs for AF management, including individual or focus group semistructured interviews,32–36 or combinations of observation and interviews.36 37 These previous studies mainly focused on a single stakeholder group, predominately patients. When multistakeholders were involved, focus groups and individual interviews were employed.38 In this study, the focus group facilitated discourse around diverse contributions,38 whereby participants were able to reflect on their own interpretations and refine their thinking.38 This provided an opportunity for collaborative discussion among the stakeholders while connecting diverse experiences on identifying future priorities for health service delivery to patients with AF in Ireland.

We also acknowledge weaknesses in the approach. First, in contrast to semistructured interviews, focus groups may limit the ability of individuals to provide detailed accounts of their personal views and perspectives on a subject matter, as the discussion time is shared among all the participants present. Second, the analysis is subject to potential biases owing to sample selection. While the organisers issued invitations to a broad range of clinicians across specialties, hospital groups, patient organisations, patient groups and regulatory bodies (n=28) uptake was low (32%). As a result, the participants were from a similar geographical location and this may result in self-selection bias. Furthermore, the multistakeholder focus group was centred at a macro level to start the conversation about the future vision for managing patients with AF; deeper exploration of the themes identified and beyond, with greater stakeholder participation, is warranted via further research to inform future policy and practice. The World Café approach was chosen to reflect this also. This approach fosters open, intimate and authentic conversation in small groups,40–42 as was the case here. As previous research demonstrates it can be used to explore the impact of existing and emerging issues, for example, in the case of pharmacy practices in Ireland,42 and to demonstrate how a small number of user representatives (i.e., patient personas) can support consideration of larger, more diverse populations.43

This study explores some key challenges facing patients with AF and the healthcare professionals prescribing and managing their treatment, which were largely consistent with those identified previously.6 25 36 However, multistakeholder focus groups offer depth by providing multiple individual perspectives by giving them a voice. While anticoagulation therapy for patients with AF using NOACs is widely adopted and is diffusing into routine practice significant operationalisation issues and barriers to effective treatment/management persist. The reflections presented in this study can be used to inform the next phase of designing clinical and policy initiatives to
generate a fit-for-purpose, evidence-based treatment path-
way(s). Specifically, findings support previous recommenda-
tions for a shared decision-making approach which can act as a mechanism for enhancing the patient-centred nature of AF management. Furthermore, increased patient involvement in the development of educational materials and other patient resources as advocated by Clarke-Smith et al is desirable.

The multistakeholder focus group confirmed and rein-
forced the need for better direction and clearer require-
ments for patients with AF receiving anticoagulation in Ireland. Findings suggest a desire for a shared decision-
making approach, treatment pathways, greater patient empower-
ment and enhanced use of IT; although further investigations on their feasibility and operation-
alisation are warranted. The observations presented here are a catalyst for future discussion and research.

Contributors AM, AK and CB made substantial contributions to the conception and design of the work. POR made substantial contributions to the design of the work. AM, SB and SMC made substantial contributions to analysis, interpretation of data and drafting the manuscript. All authors contributed to revising the work critically for important intellectual content and approved the final version.

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Competing interests None declared.

Patient and public involvement Patients and/or the public were involved in the design, or conduct, or reporting, or dissemination plans of this research. Refer to the Methods section for further details.

Patient consent for publication Not required.

Ethics approval Due to the anonymised nature of the evidence presented in the study, this research carries little to no risk to participants. No ethical approval was sought to hold the World Café. After the event, we emailed participants to make them aware that we were going to write up a reflection of the event for publication. The writing does not identify or compare the contributions of individual attendees. The right of all participants to confidentiality was maintained, including secure data storage.

Provenance and peer review Not commissioned; externally peer reviewed.

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