

Children and Young People's Allergy Network Scotland (CYANS)

ANNUAL REPORT 2019/20

Lead Clinician: Dr Mariette Nortier

Programme Manager: Mr Phil McNicol

Programme Support Officer: Mr Luke Rush

Data Analyst: Mr Hugh O'Pray

Contents

1. Executive Summary.....	1
2. Introduction.....	3
2.1 Background.....	3
2.2 Network aims, vision and core objectives.....	3
2.3 Core Objectives.....	4
3. Report against 2019/20 workplan.....	4
3.1 Effective Network Structure and Governance.....	4
3.2 Service Agreement.....	4
3.3 Strategies.....	4
3.4 CYANS Core Team.....	4
3.5 Steering Group.....	5
3.6 Service Development and Delivery.....	5
3.6.1 Young People’s Transition Pathway.....	5
3.6.2 CYANS Guidelines.....	5
3.6.3 CYANS Allergy Clinic Questionnaire.....	5
4. Stakeholder Communication and Engagement.....	6
4.1 Communication and Engagement working group.....	6
4.2 CYANS Website.....	6
4.3 CYANS Newsletters.....	6
4.4 Twitter.....	7
4.5 Annual ‘Free From’ Show.....	8
5. Education.....	8
5.1 Annual Study Day.....	8
5.2 Allergy Management Resource for Health Visitors.....	11
5.3 Primary Care Allergy Training (PCAT).....	11
6. Audit and Continuous Quality Improvement.....	12
7. Value.....	13
8. Finance.....	14
9. Plans for the Year Ahead.....	14
9.1 Work areas.....	14
9.2 Risks and Issues.....	15
10. Detailed Description of Progress in 2019/20.....	16
11. Proposed Work Plan for 2020/21.....	24
Appendix 1: Steering Group Membership.....	30
Appendix 2: Data.....	31

1. Executive Summary

CYANS has made good progress against its workplan over the last year and as part of network activities has:

- Provided access to high quality primary and secondary care allergy education and training through the CYANS Paediatric Allergy Study Day and subsequent videos;
- Increased awareness of allergy by providing access to evidence-based information and resources for both clinicians and patients, through the development and accessibility of the network's website, regular clinician and patient newsletters and visibility of the network's Twitter account;
- Completed the Young People's Transition Pathway to Independent Self-Management of Allergies which supports clinicians in helping young people with Type 1 food allergies and anaphylaxis to develop confidence in self-management of their conditions;
- Improved communication and engagement with its members, including a refresh of the network's membership and working groups.

During 2019/20 the CYANS network focused resources on improving how it communicates and engages with its network members and key stakeholders. This included an exercise to ensure that its steering group was multi-disciplinary and representative of NHS Boards and third sector organisations. The network also identified key stakeholders to enable it to progress all aspects of its programme of activity.

In addition to this work, the network facilitated its annual education event. CYANS used the event to gather feedback from delegates across Scotland on how the network could continue to improve and excel in its communication and engagement, especially amongst the general public, by reviewing its current education and training programme delivery. It also took the opportunity to identify methods available for the collection and presentation of key data for allergy such as the national Clinical Audit System (CAS).

Towards the end of 2019/20, the COVID-19 public health crisis arose which had an immediate impact on the network's normal functioning and activities. Much network activity requiring clinician input was suspended or subject to delay. Along with other clinical networks, CYANS produced a COVID-19 Network Impact Report which identified the impact of the pandemic on network tasks and workstreams in this reporting period, and the likely impact in the subsequent reporting period. The true impact of the pandemic on the network in that subsequent period will be evaluated in the 2020/21 Annual Report.

The following workstreams were delayed at the end of 2019/20 and thereafter because of the COVID-19 public health crisis:

- Primary Care Allergy Training (PCAT), including its Royal College of General Practitioners (RCGP) accreditation renewal
- Finalisation of the Allergy Management Resource for Health Visitors
- Revision of allergy guideline documents and completion of service mapping
- Piloting of Allergy Clinic Questionnaire in NHS Tayside

Going forward, the priorities for the CYANS network are to:

- Create a practicable plan to get PCAT back on track
- Complete the revision of the allergy guideline documents
- Continue to analyse CAS data and take a targeted approach to encourage CAS data input take-up and provide training for new staff
- Consider whether it is possible to increase the relevance of the annual study day to delegates' clinical practice without unduly narrowing the overall appeal of the event
- Work with NHS National Education for Scotland (NES) to standardise Health Visitors allergy training delivered in every NHS board through the roll-out of the Health Visitors' Allergy Management Resource
- Develop appropriate online resources to assist with the management of young people with allergies, including information targeted to specific age groups
- Utilise analytics to evaluate website footfall and enable the creation of further targeted resources and information for stakeholders

2. Introduction

2.1 Background

The Children and Young People's Allergy Network Scotland (CYANS) is a National Managed Clinical Network (NMCN), with a membership consisting of professionals from primary, secondary and tertiary care, service planning, academics, voluntary sector and service users including patients and their families.

CYANS was established in 2011 as a two-year project network to begin to address:

1. Inequalities and gaps in allergy service provision in Scotland.
2. Deficiencies in allergy training and expertise in both primary and secondary care, as identified within the 2009 Scottish Medical and Scientific Advisory Committee (SMASAC) report.

In 2013, following the successful delivery of project aims, CYANS was designated through national commissioning to lead the implementation of recommendations designed to deliver ongoing improvements in access to and quality of allergy service provision.

The network was reviewed as part of the routine performance management arrangements within national commissioning in 2017.

The Expert Review Group (ERG) noted that CYANS had made considerable progress in raising the standard of allergy care across Scotland and made recommendations to increase the network's impact further during its next commissioning cycle.

Following the review recommendations the network facilitated a stakeholder engagement event which provided the network members and its stakeholders with the opportunity to agree on what was in and out of scope for the network to enable it to develop a strategic workplan¹.

2.2 Network aims, vision and core objectives

The CYANS network aims to:

1. Support the provision of accessible allergy care for all children across Scotland as locally as possible, including the development of a transition allergy pathway supporting clinicians in helping young people with severe allergies and anaphylaxis to develop confident self-management of their condition into adulthood.
2. Increase awareness of allergy within NHS Boards as a relevant and common clinical problem.
3. Support healthcare professionals in primary, secondary and tertiary care in improving standards of clinical allergy care. This will be achieved through the development of quality standards and the establishment of continuous quality improvement systems and processes.
4. Work towards providing a high quality, equitable and affordable allergy service across Scotland.
5. Seek feedback from service users and develop resources and processes to support their needs.

¹ See 'Access to Health Care Resources for Children with Allergies' graphic in Appendix 2

2.3 Core Objectives

National networks have agreed core objectives that reflect the Scottish Government's expectations for managed clinical networks, as described in CEL (2012) 29². The network's core objectives are:

1. The design and ongoing development of an effective network structure that is organised, resourced and governed to meet requirements in relation to SGHSCD Guidance on MCNs (currently CEL (2012) 29) and national commissioning performance management and reporting arrangements.
2. To support the design and delivery of services that are evidence-based and aligned with current strategic and local and regional NHS planning and service priorities.
3. Effective Stakeholder Communication and Engagement through the design and delivery of a written strategy that ensures stakeholders from Health, Social Care, Education, the Third Sector and Service Users are involved in the Network and explicitly in the design and delivery of service models and improvements.
4. Improved capability and capacity in allergy care through the design and delivery of a written education strategy that reflects and meets stakeholder needs.
5. Effective systems and processes to facilitate and provide evidence of continuous improvement in the quality of care (CQI).
6. To generate better value for money in how services are delivered.

3. Report against 2019/20 workplan

The COVID-19 pandemic emerged towards the end of the reporting period in February 2020. The most significant impact of the pandemic on the CYANS 2019/20 work programme was the cancellation of the cohort 1 Primary Care Allergy Training (PCAT) face-to-face training day on 30th March 2020 which is a component of the PCAT Primary Care Quality Improvement & Training Programme. However, despite the challenges arising from the pandemic, CYANS successfully accomplished a wide-ranging programme of activity during 2019/20.

3.1 Effective Network Structure and Governance

CYANS has an established network structure in line with National Commissioning Governance for National Networks.

3.2 Service Agreement

CYANS has a Service Level Agreement in place covering the period 2018 - 2023.

3.3 Strategies

The CYANS Communications, Education and Quality plans are up to date.

3.4 CYANS Core Team

The CYANS core team consists of a Programme Manager (0.5 WTE) and a Programme Support Officer (0.3 WTE) who are responsible for the day-to-day running of the network alongside a Lead Clinician who provides 2 Programmed Activities (PAs) per week and has responsibility for overseeing the work of the network.

² https://www.sehd.scot.nhs.uk/mels/CEL2012_29.pdf

Between September 2019 and February 2020, the network operated without a dedicated Programme Manager pending recruitment of a successor to Mrs Kelman. Then in March 2020, the new Programme Manager was re-deployed to the Scottish Government to support their COVID-19 response until the end of June 2020. Thus the network was effectively without a Programme Manager for 10 months. To mitigate the impact of this unexpected and unavoidable gap, the network undertook an exercise to identify priorities to be progressed. These are reflected in this report.

3.5 Steering Group

The network delivered its scheduled programme of meetings in full. This included three meetings of the steering group and meetings of the Communications and Engagement, Allergy & Dieticians and CAS working groups.

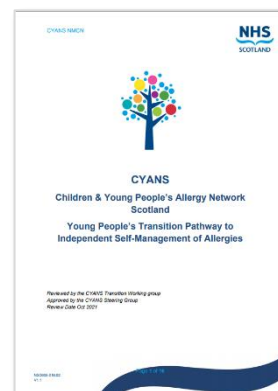
The network began a review of Steering Group Membership in September 2019 with the aim of increasing engagement and better representing allergy services across Scotland. The network revised its Terms of Reference and wrote to all existing members asking them to confirm their commitment to remaining on the steering group. As a result of the review four members withdrew and the network is currently seeking new representatives from NHS Greater Glasgow & Clyde and NHS Highland. The Steering Group remains multi-professional and multi-disciplinary, with input from Paediatricians, Immunologists, Nurse Specialists, Allied Health Professionals, NHS planners, service users and Third Sector support groups. A note of the full revised membership can be found in Appendix 1.

3.6 Service Development and Delivery

3.6.1 Young People's Transition Pathway

The network completed development of the Young People's Transition Pathway to Independent Self-Management of Allergies, intended to support clinicians in helping young people with Type 1 food allergies and anaphylaxis to develop confidence in self-managing their conditions. Whilst the focus of the pathway is on food allergy, it can be adapted to other allergies.

The completed Pathway is a valuable tool and has been shared with General Practitioners across Scotland as well as advertised on the CYANS Social Media platform, in blog posts and in a prominent and permanent place on the CYANS website³.



3.6.2 CYANS Guidelines

Because of capacity constraints amongst its members, the CYANS Guidelines and Pathways working group were unable to achieve the objective to review all online guidelines by March 2020, and requested additional support from the network. A disclaimer was added to the guidelines currently available on the website noting their status as 'under-review' while a revised schedule to complete the review of the guidelines was developed. This work is now scheduled for completion in 2020/21.

3.6.3 CYANS Allergy Clinic Questionnaire

Dr Adrian Sie (Consultant Paediatrician, NHS Lanarkshire) has continued to collect data using the pilot Allergy Clinic Questionnaire that was developed in 2018, based on Aston University's Food Allergy Self-Efficacy (FASE) questionnaire. The new data was presented to the steering group in September 2019. As NHS Tayside had previously asked for support from CYANS to identify a method of benchmarking allergy services, the steering group recommended that the network should ask NHS Tayside to trial the Clinic Questionnaire both to support the establishment of the benchmark data and to help determine how best to

³ <https://www.cyans.scot.nhs.uk/health-care-professionals-2/allergy-guidelines-and-pathways/pathways/>

roll the Clinic Questionnaire out across Scotland. Unfortunately, due to the COVID-19 pandemic, the network was unable to take this initiative forward during 2019/20, and contact will be resumed once NHS Tayside’s services return to normal.

4. Stakeholder Communication and Engagement

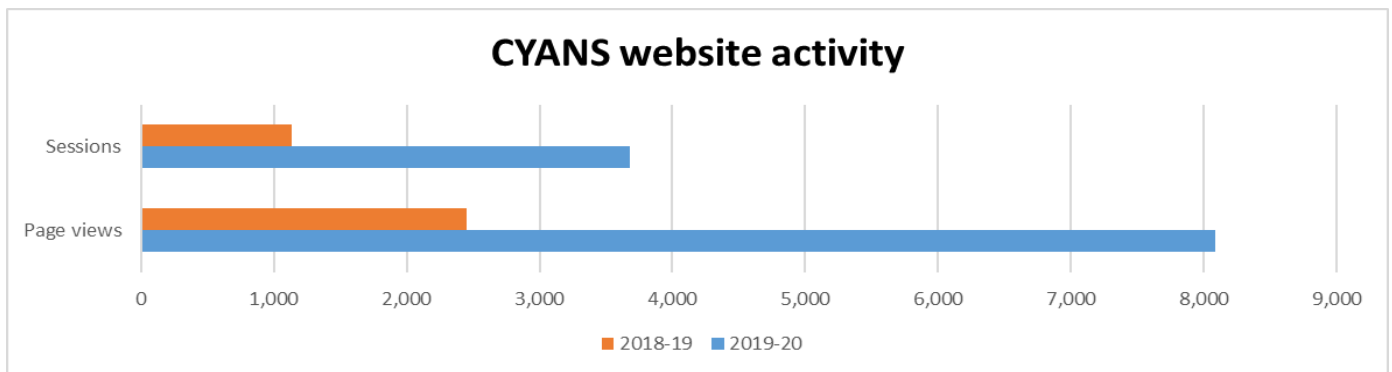
4.1 Communication and Engagement working group

During 2019/20 the Communication and Engagement working group focused on increasing the appeal and accessibility of the CYANS website to families and young people through YouTube videos, images, icons and overall ease of navigation. Clinical pages have also been reviewed to facilitate navigation and accessibility. In addition, a total of 21 individual blog posts supporting a variety of sources were made, ranging from third parties such as Anaphylaxis Campaign and The British Society for Allergy and Clinical Immunology (BSACI), to EpiPen updates and links to external allergy resources. Posts are individually tagged so that specific web pages display appropriate blog items relevant to the content a user is currently viewing.



4.2 CYANS Website

2018/19 website activity data was recorded only for seven months from September 2018 onwards, while we have full data for 2019/20. The partial 2018/19 data has been extrapolated to represent the full year so that it can be compared with 2019/20, and the graphic below shows marked increases in both website sessions (224%) and page views (230%). This is a measure of the success of the Communication and Engagement group’s efforts in increasing the appeal and accessibility of the CYANS website to users.



4.3 CYANS Newsletters



2019 Clinician Winter Newsletter



2019 Patient & Parent Winter Newsletter

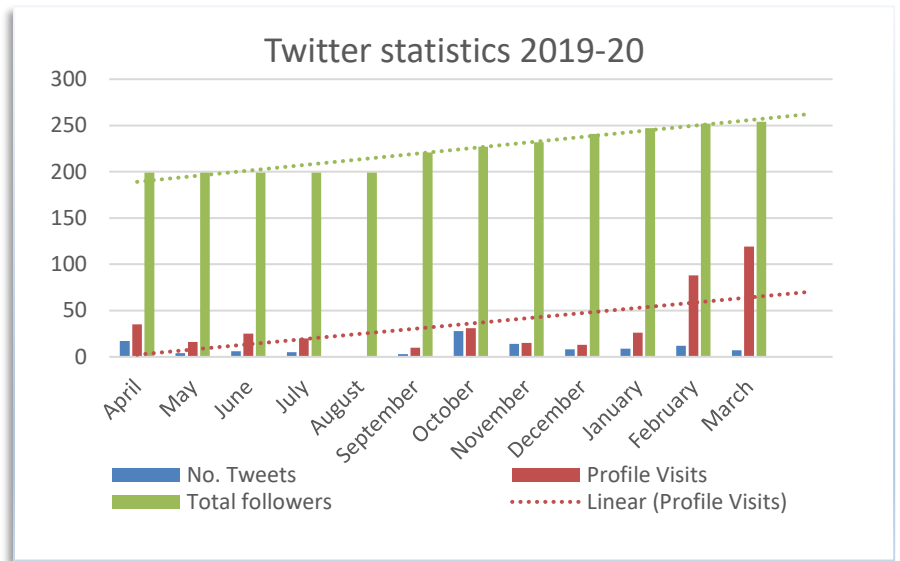


In December 2019 the network reviewed the accessibility and effectiveness of its newsletters. It was identified that newsletters lacked clarity as to whether they were aimed at patients or clinicians, making publication and distribution challenging and potentially reducing subsequent engagement. As a result, the network committed to producing four newsletters per year, two for clinicians and two for patients. This development will support the network by more effectively targeting relevant events and news towards appropriate stakeholder groups.

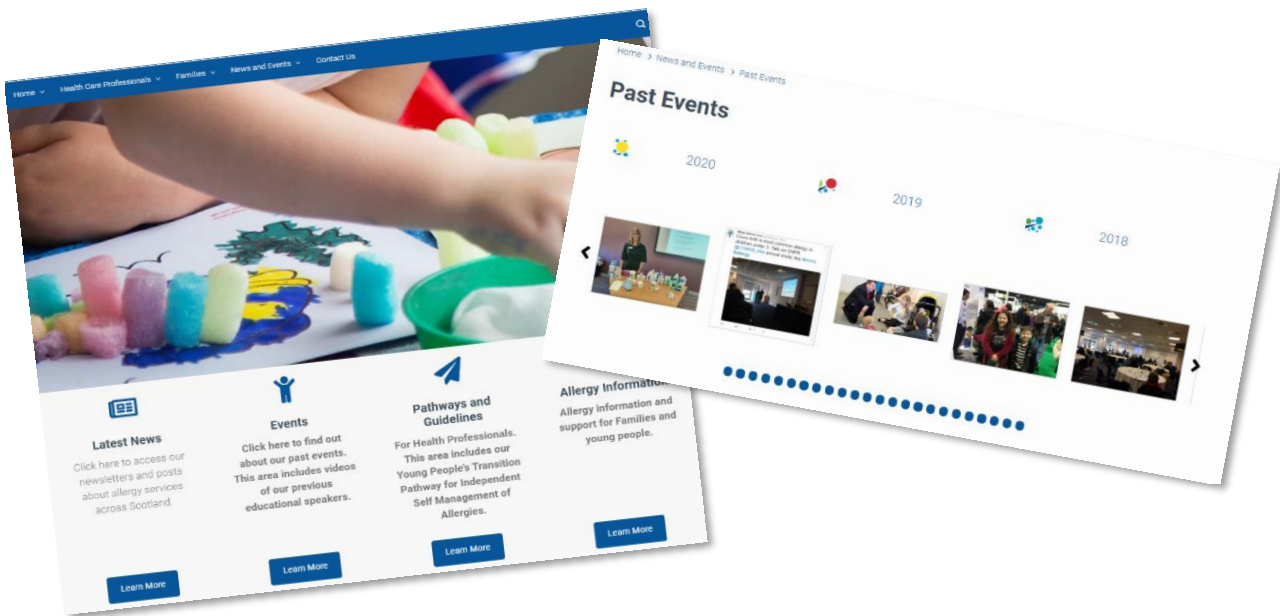
CYANS produced four newsletters in 2019-20 which were shared across CYANS' distribution lists, as well as made available on the newly formatted CYANS Newsletter Page⁴ to ensure they reached the maximum possible readership.

4.4 Twitter

CYANS has also continued to develop and improve upon its social media strategy⁵, with a goal to better address current allergy issues, better utilise expertise and insight within its membership and to share research, learning and debate with both public and professional bodies. The network's Communications and Engagement group has worked to ensure all these goals are achievable. The network gathered an additional 55 Twitter followers in 2019/20 and, on average, each tweet generated approximately 0.48 followers⁶.



Over the past year particular emphasis has been put on using Twitter to promote and support engagement before and after events. For example, CYANS scheduled tweets to make use of the speaker videos taken at the Annual Paediatric Study Day. This should encourage engagement with future events, and also give users unable to attend the education events the opportunity to watch presentations virtually. The CYANS 'Past Events'⁷ and 'Home'⁸ pages have been reviewed and revised to support the expected increase in page visits to this area of the website.



⁴ <https://www.cyans.scot.nhs.uk/newsletters/>

⁵ K:\09 PCFNSD\NMCNs & NMDNs\Networks\CYANS\Comms & Engagement\Comms and Engagement Strategy

⁶ See Appendix 2: Data

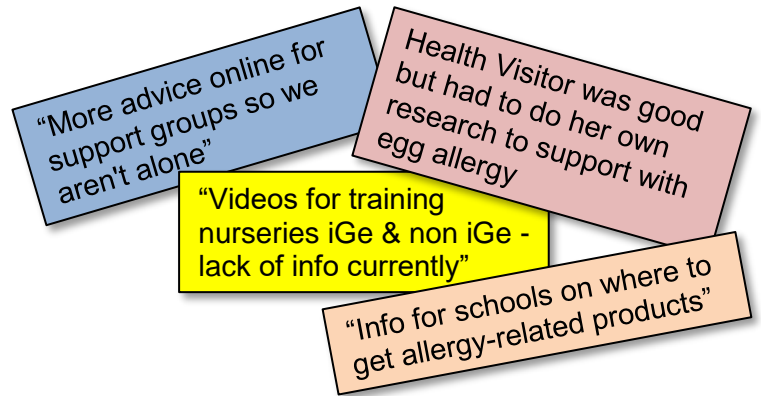
⁷ <https://www.cyans.scot.nhs.uk/latest-news/past-events/>

⁸ <https://www.cyans.scot.nhs.uk/>

4.5 Annual 'Free From' Show

CYANS attended the Annual Allergy & Free From Show at the Scottish Event Campus (SEC) in Glasgow on 7th and 8th March 2020. This year's event attracted a large number of visitors of all ages on both days, and provided CYANS with the opportunity to provide information and advice to children, young people and their families, and increase awareness of the impact of allergy-related conditions. The network collected over 100 new contacts for its patient distribution lists, including a number of young-adult patient contact details to help with the future planning of the network's Young People's website.

In addition to providing reliable allergy information at the event, the network took the opportunity to gather suggestions and feedback on its "Wish Tree" on how allergy services across Scotland could be improved. A total of 34 feedback notes were received noting a variety of potential improvements to NHS Scotland's current Allergy Services, schools' resources and website materials. CYANS will take account of these ideas in its strategic planning.



5. Education

5.1 Annual Study Day

The 2020 event took place on 3rd February 2020 at the Stirling Court Hotel and was advertised through CYANS refreshed distribution lists, website and Twitter account. Promotion of the event through these different routes resulted in 113 unique professional registrations⁹.

⁹ Full review of delegates and feedback can be found in: K:\09 PCF\NSD\NMCNs & NMDNs\Networks\CYANS\Events\StudyD 2020\Review

The day benefitted from a wide variety of speakers from across NHS Scotland, as well as a ‘virtual’ speaker from NHS England. The event included a mixture of workshop sessions and theatre-style lectures. Delegates had the opportunity to listen to a wide variety of topics including: allergy prevention, trends in eczema, community-based allergy clinic research and a patient experience session, amongst others¹⁰.

As the study day had been oversubscribed, the speakers gave the network their consent to record the lectures so that they could be made available to delegates that were unable to attend. CYANS placed the lectures on its website less than two weeks after the event.

Attendees at the day were well split across Health Boards and were noticeably more representative of NHS Scotland’s Health Board area populations across Scotland than previous years – see Figure 1 below.



This was the first year that the network had not invited pharmaceutical sponsorship to support its annual paediatric study day. This change in approach was driven by concerns raised amongst the clinical community in relation to the 2019 event about engaging commercial sponsorship. While it was anticipated that CYANS might need to seek additional funding through commissioners to ensure the usual high standard of event, the network delivered a highly-rated education event within its operational budget¹¹.



Figure 1 – highlights the percentage of delegates from each NHS Board against its area population percentage

Delegate feedback was collected via forms placed on delegate tables during the final refreshment break of the day. A total of 74% of attendees submitted a feedback form on the day of the event and a further request for feedback was made via the CYANS Summer newsletter. Overall opinion of the event was very positive with 94% of responding attendees rating the day as ‘Good’ or ‘Very Good’ (see Figure 2 below).

¹⁰ Full programme available here: <https://www.cyans.scot.nhs.uk/wp-content/uploads/2020/01/CYANS-Annual-Paediatric-Study-Day-Programme-2020-V1.pdf?x54518>

¹¹ See Section 8: Finance

What is your overall assessment of the event?

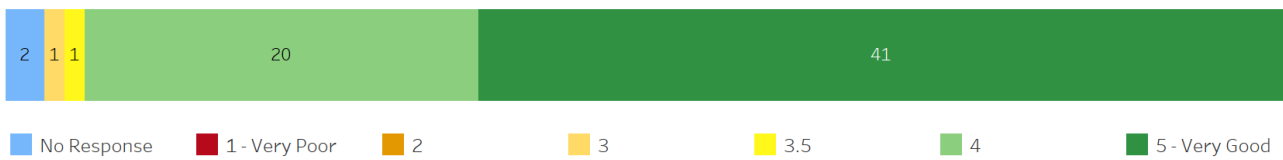


Figure 2

The network’s satisfaction survey for the event had similarly positive results, with 62% of all responses from completed forms noting ‘Very Satisfied’ (see Figure 3 below). The aspect of the event which elicited the fewest ‘Very Satisfied’ responses was ‘Relevance of the topics to clinical practice’, and CYANS will consider carefully whether it is possible to increase relevance to clinical practice in future education events without unduly narrowing the overall appeal of such events.

How satisfied were you with the...

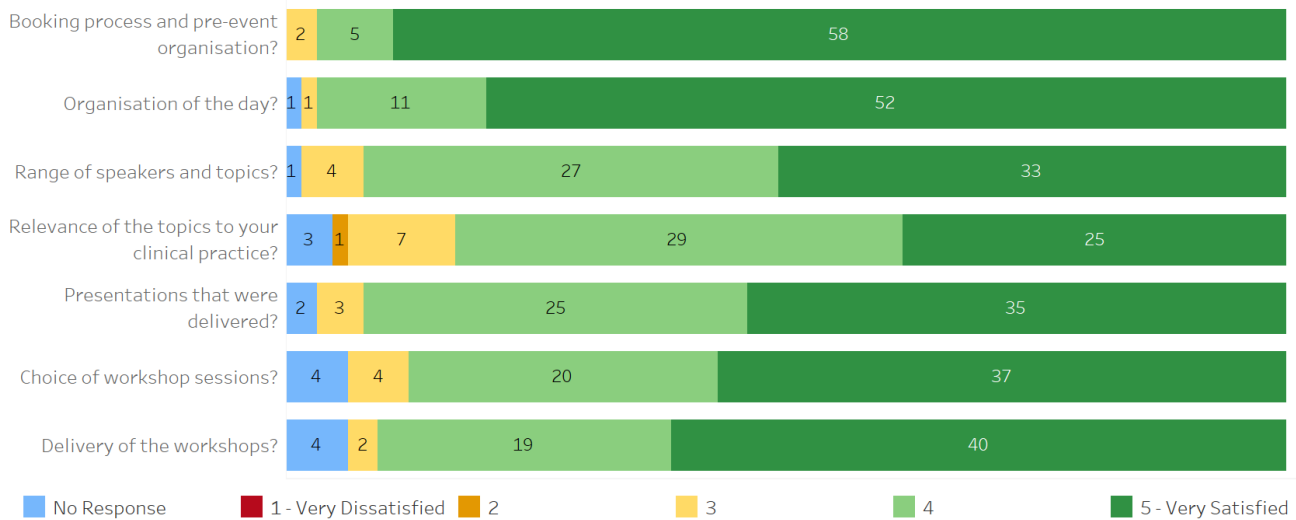


Figure 3

The network tweeted about the event a total of 27 times between 4th October 2019 and 3rd February 2020, achieving a total of 13,695 impressions and 323 engagements. The network also received 10 new followers over this period¹².

Event Tweets	No. Tweets	Impressions	Engagements	Retweets	Likes
Pre Event:	19	10,657	209	25	47
Day of Event:	8	3,038	114	4	19
Overall Total	27	13,695	323	29	66

¹² Full details of Twitter activity available here: K:\09 PCF\NSD\NMCNs & NMDNs\Networks\CYANS\Events\StudyD 2020\Review

5.2 Allergy Management Resource for Health Visitors

Although the role of Health Visitors includes giving advice about and supporting infant feeding, they do not learn about managing allergies in their training. In 2018 the CYANS network conducted a survey to ask Health Visitors if there was a need to develop a dedicated Health Visitor Allergy Management Resource. Health Visitors responded from 5 health boards across Scotland, with 98% of respondents stating they would like a dedicated food allergy management resource and 62% stating they would like the training delivered face to face.

Accordingly, the network worked in collaboration with Dietitians and Allergy Nurse Specialists across Scotland to design an education tool that would provide practical resources to aid Health Visitors in the management of common food allergies in infants, including advice for breastfeeding mothers and weaning. The tool takes the form of an extensive PowerPoint presentation delivered by Dietitians to Health Visitors. CYANS continued to develop and refine the tool in 2019/20 and it was informally trialled in NHS Lothian. Further refinement included formatting the resource to National Services Division (NSD) standards, and supporting the Allergy Nurses and Dietitians sub-group in the production of facilitator notes to ensure consistency in how the tool's learning material is delivered.

The working group is in the process of making final edits to the tool, after which it will be ratified by the CYANS Steering Group. Following this, further work will be undertaken by CYANS to explore the potential reach of the resource. The network is pleased to report that NHS National Education for Scotland (NES) has agreed to add the finalised resource to its General Health Visitor post-graduate syllabus.

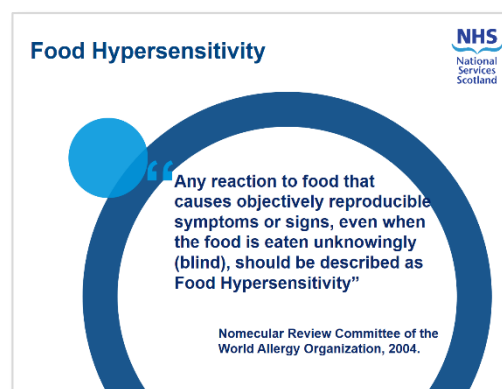
5.3 Primary Care Allergy Training (PCAT)

The Primary Care Allergy Training (PCAT) programme is designed to equip General Practitioners (GPs) in Scotland with the skills and knowledge to be able to deliver high-quality allergy care to their patients in line with the CYANS model of paediatric allergy care. It offers GPs the opportunity to access allergy training delivered by local specialist clinicians working within the field of allergy across Scotland in conjunction with the accredited Anaphylaxis Campaign online module.

The programme was first delivered in 2014, and for four years was supported by additional funding provided on a non-recurring basis by NSD, primarily to cover the cost of online training licences. Between 2014 and 2018, 189 GPs from across NHS Scotland participated in the training. Qualitative feedback gathered on the day of training highlighted increased confidence in advising patients, a better grasp of making appropriate secondary care referrals and safer prescribing.

Unfortunately, the completion of post-training surveys carried out 6 months after each event was low (39%) and an assessment of improvements in practice as a result of completing the training was informed by only 13 GPs. While the clinical value of the training was acknowledged, there was insufficient evidence that it was achieving the desired improvement in quality, and in March 2019 NSD advised that any further additional investment in PCAT would only be considered if CYANS could provide measurable evidence of improvement, ideally using QI methodology.

CYANS duly designed and progressed a PCAT Quality Improvement project plan that involved the delivery of training to two successive cohorts of GPs in 2020, with learning from cohort one to be applied to cohort two and the findings to be used to inform a business case for wider implementation. The training comes in two parts: an online module provided by the Anaphylaxis Campaign followed by a face-to-face training day.



The following milestones were established and completed:

- 20 online module licences were funded and obtained
- Discussion with PCAT QI Project team and confirmation of how each of the 4 levels of evaluation will be tested and collated (November 2019)
- Collaboration with GP Cluster Quality Leads in NHS Fife (Nov/Dec 2019)
- Engagement with all stakeholders including GPs, practice managers, specialist allergy nurses, NHS Fife Research & Development Team, patients and families
- Identification of allergy specialists to deliver training (Jan 2020)
- PCAT training plan for 10 GP participants from approximately 5 practices in NHS Fife, preferably from the same cluster (Dec 2019/Jan 2020)
- Licences for the online module (£67 per delegate) forwarded to participants, specifying a six-week deadline to complete (January 2020)
- Venue secured for PCAT Cohort 1, NHS Fife (January 2020)
- Identification of prospective candidates for PCAT Cohort 2, NHS Grampian (February 2020)

PCAT Cohort 1 face-to-face training was due to take place on 30th March 2020, but unfortunately the event was cancelled due to COVID-19 restrictions and the project is on hold pending a meeting of the PCAT working group in July 2020 to identify how best to proceed. Extensions to the licences have been secured from the Anaphylaxis Campaign and it is anticipated that the remaining milestones (set out below) will be delayed significantly:

- Delivery of PCAT to Cohort 1 using 10 online module licences (before end of March 2020)
- Improvements made to the evaluation process (July 2020)
- Delivery of PCAT for Cohort 2 using the remaining 10 online module licences
- Development of a business case for wider implementation and review of the training model required for Scotland (October 2020)

6. Audit and Continuous Quality Improvement

The CYANS Clinical Audit System (CAS) database collects instances of suspected or confirmed anaphylaxis from participating NHS Board centres across Scotland. The purpose of CAS data is to evidence whether anaphylaxis patients are being managed correctly in Scotland rather than to show absolute numbers of confirmed anaphylaxis cases. Figure 4 shows the numbers of patients entered into CAS by NHS Board.

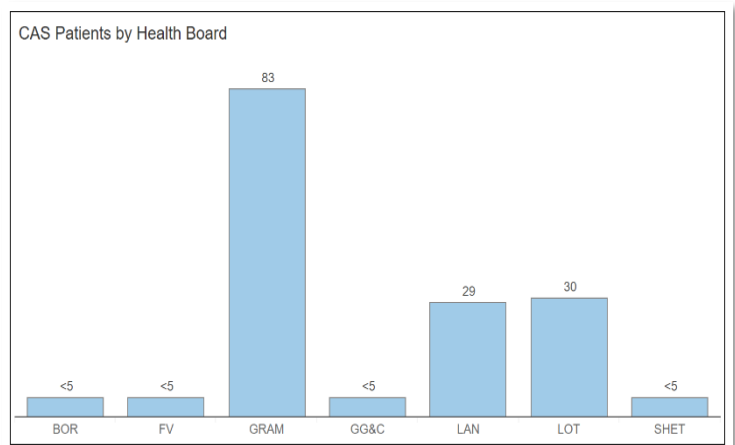


Figure 4

During 2019/20 the number of NHS Boards that input CAS data rose from three (NHS Grampian, NHS Lothian and NHS Lanarkshire) to six (NHS Borders, NHS Greater Glasgow and Clyde and NHS Fife).

Three new patients were added to the system (Grampian (Aug 2019), GG&C (Jan 2020) and Lanarkshire (Jan 2020)). This compares to 11 new patients added in 2018/19. There are 150 patients in total on the CYANS CAS system which is likely to go only a short way towards reflecting the true number of people with anaphylaxis in Scotland.

The number of clinicians routinely recording data across Scotland is low. After a slow start in the early years of the network, a requirement under the General Data Protection Regulation (GDPR) to seek written consent from patients and carers to record personal data has been cited as the main barrier more recently. Unfortunately, there were so few new data entries in 2019/20 that it was unfeasible for the NNMS Information Management Service (IMS) to report the CYANS Care Quality Indicators (CQIs) for the year. However, on 1st June 2020, confirmation was received from NSS that there is a legal basis for networks to collect the data on CAS. With written consent no longer a prerequisite, it is expected that this will see a further increase in the number of NHS Boards and clinicians using the system and CYANS will work to re-instate the CQI reporting as soon as possible.

In anticipation of this development, the network and the Information Management Service (IMS) revised the CYANS CAS training materials. These have been circulated for feedback in preparation for further rollout and refresher training in 2020/21.

Figure 5 illustrates that a number of patients on CAS are over 18. Part of the CAS rollout will be to agree a process which allows clinicians to identify which of these patients have been transitioned to adult services and update their status accordingly.

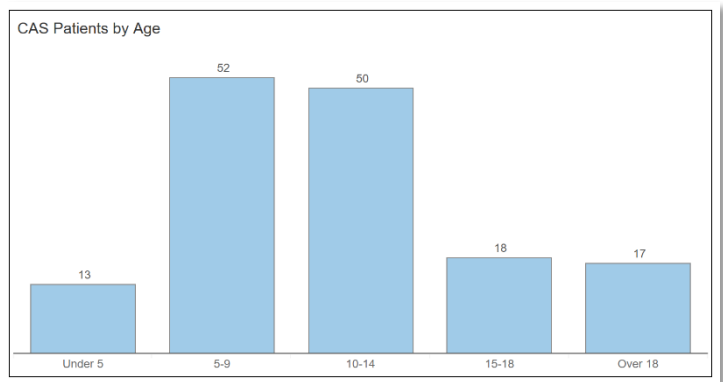


Figure 5

7. Value

During 2019/20 the CYANS network has sought to create best value for its stakeholders in the following ways:

- Maximising its use of video conferencing and other audio-visual technology in meetings and events to reduce travel and ensure equitable access regardless of location. For example, CYANS made its annual study day lectures available on its website for the benefit of those unable to attend the event in person.
- Addressing lack of awareness of allergies and their management and treatment by:
 - providing access to evidence-based information and resources for both clinicians and patients, through the development and accessibility of the network’s website, regular clinician and patient newsletters and the visibility of the network’s Twitter account.
 - providing advice and allergy management resources at the Allergy & Free From show in Glasgow.
- Addressing deficiencies in allergy training and expertise in both primary and secondary care by providing access to high quality primary and secondary care allergy education and training through the CYANS Paediatric Allergy Study Day and subsequent videos, and the continued development of the Allergy Management Resource for Health Visitors.

Feedback from the Paediatric Allergy Study Day revealed that there is room for improvement in the relevance of the study topics to delegates' clinical practice, and CYANS will seek to add further value by considering whether this can be improved in future events without unduly narrowing their overall appeal.

8. Finance

All national managed clinical and diagnostic networks receive an annual budget of £5,000 to undertake network activity, Figure 6 below provides a breakdown of network expenditure for 2019/20 and shows that the network remained within its allocated budget.

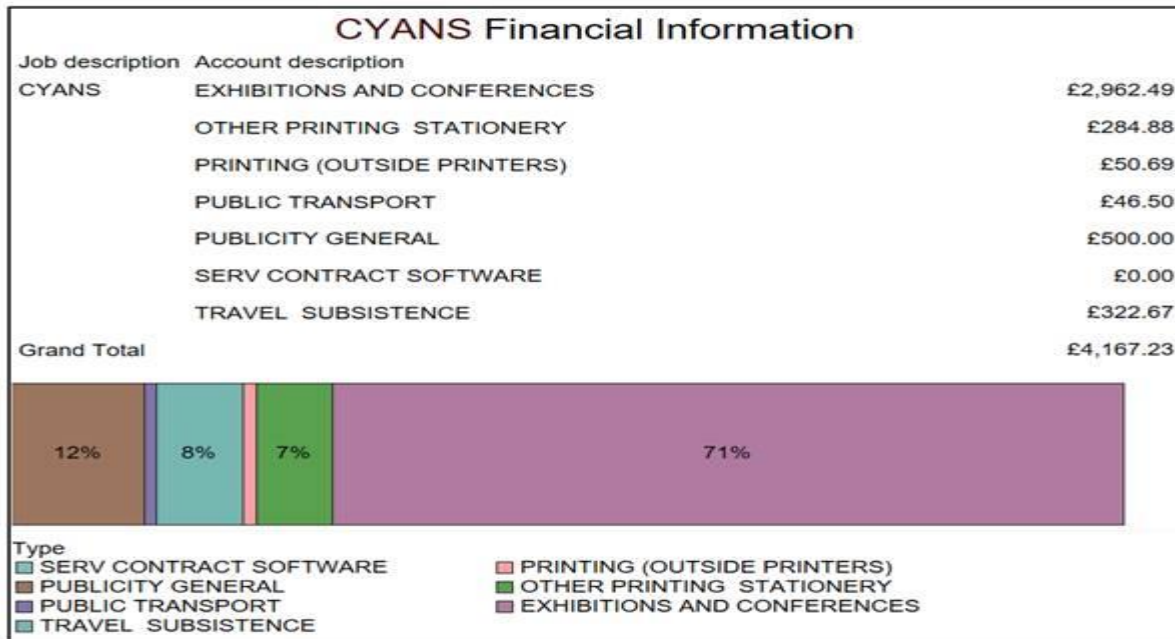


Figure 6

9. Plans for the Year Ahead

9.1 Work areas

CYANS plans to progress the following work areas in 2020/21, on which more details can be found in section 11 'Proposed Work Plan for 2020/21' on page 24:

- Communication and Engagement:
 - Newsletters – CYANS will continue to issue quarterly clinician and patient newsletters;
 - Twitter – the network will continue to use Twitter to share research, learning and debate and to promote engagement before and after events;
 - Website – the network will continue to provide useful information and resources for clinicians and patients through its website, with a particular focus on the creation of engaging material for young people
- Primary Care Allergy Training (PCAT) – the PCAT working group has agreed that the Primary Care Quality Improvement & Training Programme will be resumed in early 2021, and the RCGP accreditation renewal will be pursued in the autumn of 2020.
- Improve representation from under-represented NHS Boards on the CYANS Steering Group

- Health Visitor Allergy Resource tool – final edits will be made and a roll-out plan will be formulated.
- Allergy guideline documents – CYANS will pursue the updating of the guideline documents.
- Piloting of Allergy Clinic Questionnaire in NHS Tayside – CYANS will keep in touch with its contact in NHS Tayside and aims to carry out the pilot once services in Tayside have returned to normal.
- Roll-out of CAS data plan - a working group will be established to organise CAS rollout in 2020/21.
- Prepare for the annual study day in early 2021, building on the success of the 2020 event.

9.2 Risks and Issues

The precise duration of the impact of the COVID-19 public health crisis is currently unknown. However, in order to mitigate uncertainty and anticipate risks, a COVID-19 Impact Assessment report is produced every quarter for the network. In the short term, the main effects will potentially be the unavailability of front line staff to attend meetings and progress network work, and the 'catch-up' required from meetings and events missed during the lockdown period.

10. Detailed Description of Progress in 2019/20

RAG status key

RAG status	Description
RED (R)	The network is unlikely to achieve the objective/standard within the agreed timescale
AMBER (A)	There is a risk that the network will not achieve the objective/standard within the agreed timescale, however progress has been made
GREEN (G)	The network is on track to achieve the objective/standard within the agreed timescale
BLUE (B)	The network has been successful in achieving the network objective/standard to plan

The Institute of Medicine's six dimensions of quality are central to NHS Scotland's approach to systems-based healthcare quality improvement, therefore objectives should be linked to these dimensions:

1. **Person-centred:** providing care that is responsive to individual personal preferences, needs and values and assuring that patient values guide all clinical decisions;
2. **Safe:** avoiding injuries to patients from healthcare that is intended to help them;
3. **Effective:** providing services based on scientific knowledge;
4. **Efficient:** avoiding waste, including waste of equipment, supplies, ideas, and energy;
5. **Equitable:** providing care that does not vary in quality because of personal characteristics such as gender, ethnicity, geographic location or socio-economic status; and
6. **Timely:** reducing waits and sometimes harmful delays for both those who receive care and those who give care.

CYANS Annual Report 2019/20

Objective Number	Smart Objective	Planned start/ end dates	Detailed Plan Available / Owner	Description of progress towards meeting objective as at 31.03.2020	Anticipated Outcome	RAGB status
1. Effective Network Structure and Governance <small>[linked to Quality Dimensions 3,4,5,6]</small>						
2019 01	CYANS will continue to ensure that during 2019/20 there is an effective governance structure in place on which to deliver core network objectives and workplan.	April 2019 - March 2020	CYANS Steering group	<p>CYANS Steering Group appointed a chairperson to oversee the progress of CYANS work plan and agree and approve key pieces of work.</p> <p>Individual working groups are led by members of the Steering Group and progress pieces of work as agreed in the strategic work plan.</p> <p>Members are representatives from across key stakeholders, the group meets quarterly.</p> <p>The network conducted a review of its membership 2019-20 and is currently seeking further membership from NHS GG&C and NHS Highlands.</p> <p>All strategies and reports are up to date.</p>	To ensure that CYANS has an effective governance structure in place to enable the strategic work plan to be realised and completed	G

2. Service Development and Delivery [linked to Quality Dimensions 1,2,3,4,5,6]

<p>2019 02</p>	<p>To finalise the transition pathway of care for young people with allergy by March 2020.</p> <p>The network will develop appropriate resources for both clinicians and young people to support the management of young people with allergies, which will be made available on the website by March 2022</p>	<p>April 2019 - March 2022</p>	<p>Dr Adrian Sie</p> <p>Dr Rosie Hague</p> <p>Dr Malcolm Shepherd/ Ms Marian Cunningham</p> <p>Lead Clinician</p> <p>Programme Manager</p>	<p>A final draft of the pathway was completed and approved by the CYANS Steering Group and is now available for use across NHS Scotland.</p>	<p>To have The CYANS Transition pathway of care for young people with allergies will be available for use across NHS Scotland by 2020</p>	<p>B</p>
<p>2019 03</p>	<p>The CYANS current guidelines will be refreshed by March 2020 and will include a clear flow chart for use in clinical consultations.</p>	<p>Mar 2020</p>	<p>Dr Helen Rhodes</p> <p>Lead Clinician</p> <p>Programme Manager</p>	<p>There was consensus at the CYANS strategy day to develop supporting flow charts</p> <p>The CYANS guidelines remain outdated though and need to be refreshed. The network has identified out of date guidelines and is in the process of canvassing further support from the Steering Group for review early 2020.</p> <p>The network website has been updated to ensure out of date guidelines are clearly marked.</p>	<p>To ensure that every child and young person in Scotland has access to the most appropriate care which is equitable, evidence-based and high quality</p>	<p>A</p>

CYANS Annual Report 2019/20

<p>2019 04</p>	<p>CYANS will engage with public health departments during 2019/20 to provide allergy advice on pregnancy, breast feeding and weaning in line with recent research and current best practice.</p>	<p>Mar 2020</p>	<p>Dr Helen Rhodes Ms Janet Purves / Ms Maria Mitchell Lead Clinician Steering Group</p>	<p>Links have been forged with public health within NHS Lothian. Plan to engage with public health within NHS GG&C, Grampian and Tayside during 2019/20.</p>	<p>To ensure that every child and young person in Scotland has access to the most appropriate care which is equitable, evidence based and high quality</p>	<p style="text-align: center; background-color: red; color: black; font-weight: bold; font-size: 2em;">R</p>
<p>2019 05</p>	<p>CYANS will develop an Allergy Clinic Questionnaire by June 2019 that can be used to capture and measure patients' and families' experience of allergy care within individual NHS boards, to assist with service planning and training needs for both healthcare professionals and patients.</p>	<p>Jun 2019</p>	<p>Dr Adrian Sie IMS Steering Group Programme Manager</p>	<p>An Allergy Clinic Questionnaire was developed, and plans are underway to introduce the questionnaire to NHS Boards. NHS Tayside are to be contacted to further pilot the survey when services return to normal following the current COVID-19 pandemic. CYANS will work with IMS to develop a tool to enable effective audit of the questionnaire.</p>	<p>Patients and their families will have the opportunity to evaluate their current allergy service provision. Clinical teams will be able to audit their current allergy care and identify any training needs.</p>	<p style="text-align: center; background-color: yellow; color: black; font-weight: bold; font-size: 2em;">A</p>

3. Stakeholder Communication and Engagement [linked to Quality Dimensions 1,3,4,5,6]

<p>2019 06</p>	<p>CYANS will develop a clear process for communication and engagement with all key stakeholders by March 2020; this will include addressing how the network can effectively engage with hard-to-reach stakeholder groups.</p>	<p>Apr 2019 – Mar 2020</p>	<p>CYANS Steering Group Programme Manager Programme Support Officer</p>	<p>The Communication and Engagement Strategy¹³ will be reviewed and include a social media section and a targeted approach to stakeholder groups not currently engaging with CYANS. CYANS have produced four newsletters in the past year.</p>	<p>Stakeholders are aware of CYANS - individual groups are aware of, contribute to and experience the benefits of network objectives.</p>	<p>B</p>
<p>2019 07</p>	<p>CYANS will update and redesign the website and create a dedicated area for resources for young people by March 2022.</p>	<p>Oct 2018 – Mar 2022</p>	<p>Dr Adrian Sie Programme Support Officer Programme Manager CYANS Steering Group</p>	<p>Work is in progress to undertake a mapping and gapping exercise with young people to co-create the young people’s section on the website. More videos and interactive resources have been added to the site to increase website appeal. CYANS events, Twitter and blog posts were also integrated into the website Website analytics were set up and an initial baseline has been put in place to track progress. The working group was refreshed to better support communication with young people.</p>	<p>The CYANS website will signpost health care professionals, patients and their families to reliable evidence-based allergy information and resources with the aim of becoming the primary source of reliable NHS allergy information in Scotland .</p>	<p>A</p>

¹³ K:\09 PCF\NSD\NMCNs & NMDNs\Networks\CYANS\Comms & Engagement\Comms and Engagement Strategy

4. Education [linked to Quality Dimensions 1,2,3,4,5,6]						
2019 08	<p>The network will continue to produce high quality education and training for healthcare professionals across NHS Scotland during 2019/20 to provide multidisciplinary clinicians with the opportunity to access consistent training in allergy.</p> <p>To address training and skill gaps in the management of children and young people with allergies.</p>	April 2019 - March 2020	<p>CYANS Steering Group</p> <p>Programme Manager</p> <p>Programme Support Officer</p>	<p>CYANS have developed a 5-year Education Strategy.</p> <p>CYANS held its Annual Paediatric Study Day on 3rd February 2020 which benefitted from 100 attendees and a variety of speakers and workshops.</p> <p>CYANS Attended the Annual 'Free From' show 2020</p> <p>The network continues to be involved in delivery of education and awareness session for patients and families.</p>	By 2022 all multi-disciplinary allergy clinicians will have the opportunity to access allergy training provided or recommended by the network.	G
2019 09	<p>During 2019/20 CYANS will develop a PCAT Quality Improvement project that will evaluate and improve allergy training for primary care clinicians</p>		<p>Ms Susan Brown</p> <p>Dr Nadia Qayuum</p> <p>Lead Clinician</p> <p>Programme Manager</p> <p>IMS</p>	<p>CYANS was awarded further funding for PCAT sessions in Autumn 2019.</p> <p>A revised model for the updated PCAT training was established in 2019.</p> <p>The network was forced to postpone its planned QI PCAT cohort in March 2020 due to COVID-19. An extension was granted on the licences by the Anaphylaxis Campaign and the network hopes to hold its first session in October 2020 if possible.</p>	To provide the opportunity for all General Practitioners to access high quality allergy care training in Scotland.	A

CYANS Annual Report 2019/20

				The RCGP accreditation for the course's face to face session has expired. The network will reapply in 2020.		
2019 10	To develop and pilot an allergy training package for Health Visitors by March 2020	Dec 2018 to March 2020	Ms Jan Chapple Ms Janet Purves Programme Manager NES	<p>The network formatted a standardised resource, which NHS Lothian tested in autumn 2019. In addition, the draft resource was presented at the CYANS Annual Paediatric Study Day. Feedback was excellent.</p> <p>A final review of the draft resource was due to take place March 2020, though this has been delayed by COVID-19. It is expected that the resource will be put to the Steering Group for approval in August 2020.</p>	To provide the opportunity for all Health Visitors to access high quality allergy care training in Scotland	G

5. Audit and Continuous Quality Improvement [linked to Quality Dimensions 1,2,3,4,5,6]

2019 11	By March 2020, in partnership with the University of Edinburgh, CYANS will have mapped the current prescribing costs in relation to allergy medication to enable the network to identify where more targeted education and training is required.	Ongoing to March 2020	Ms Maria Mitchell Programme manager University of Edinburgh	The network worked in partnership with the University of Edinburgh on research to establish current prescribing practices for infant cow's milk protein formula and aim to provide baseline data and prescribing incidences across Scotland.	Key areas are identified for targeted education and training.	A
2019 12	CYANS will undertake a programme of training for the Clinical Audit System (CAS) and train two further NHS sites by March 2020.	March 2020	IMS Data Manager Programme Manager Lead Clinician	NHS Lanarkshire, NHS Lothian and NHS Grampian have received training by IMS and are entering data onto CAS.NHS GGC, Ayrshire & Aran and Fife have requested or received training. Consent forms, information and a training manual (developed by IMS) have been made available on the CYANS website. The training manual for CAS data entry has been revised.	All NHS boards are aware of CAS and its data for children and young people with anaphylaxis to aid service planning, improvement, audit and research into allergy.	G

11. Proposed Work Plan for 2020/21

Objective Number	Smart Objective	Planned start/ end dates	Detailed Plan Available / Owner	Background to objective and proposed action for 2020/21	Anticipated Outcome	RAGB status
1. Effective Network Structure and Governance [linked to Quality Dimensions 3,4,5,6]						
2020 01	CYANS will continue to ensure that during 2020/21 there is an effective governance structure in place on which to deliver core network objectives and workplan.	April 2020 - March 2021	CYANS Steering group		To ensure that CYANS has an effective governance structure in place to enable the strategic work plan to be realised and completed	
2. Service Development and Delivery [linked to Quality Dimensions 1,2,3,4,5,6]						
2020 02	<p>Pathways of Care – Guidelines review</p> <p>The CYANS current guidelines will be refreshed by March 2021 and will include a clear flow chart for use in clinical consultations.</p>	Mar 2021	<p>Dr Helen Rhodes</p> <p>Dietitian</p> <p>Lead Clinician</p> <p>Programme Manager</p>	<p>Agreement at the CYANS strategy day to develop flow charts</p> <p>CYANS has identified out of date guidelines and needs to canvass support from the Steering Group for their review during 2020/21.</p> <p>The network website has been updated to ensure out of date guidelines are clearly marked.</p>	To ensure that every child and young person in Scotland has access to the most appropriate care which is equitable, evidence-based and high quality	
2020 03	<p>Pathways of Care – Engagement with Public Health Departments</p> <p>CYANS will continue to engage with public health departments during 2020/21 to provide allergy advice on pregnancy, breast feeding and weaning in line with recent research and current best practice.</p>	Mar 2021	<p>Dr Helen Rhodes</p> <p>Ms Janet Purves / Ms Maria Mitchell</p> <p>Lead Clinician</p> <p>Steering Group</p>	<p>Links have been forged with public health within NHS Lothian.</p> <p>Plan to engage with public health within NHS GG&C, Grampian and Tayside during 2020/21</p>	To ensure that every child and young person in Scotland has access to the most appropriate care which is equitable, evidence based and high quality	

CYANS Annual Report 2019/20

Objective Number	Smart Objective	Planned start/ end dates	Detailed Plan Available / Owner	Background to objective and proposed action for 2020/21	Anticipated Outcome	RAGB status
2020 04	<p>Pathways of Care – Transition</p> <p>CYANS plans to have the CYANS Transition pathway of care for young people with allergies available for use across NHS Scotland by 2023.</p>	Mar 2023	<p>Lead Clinician</p> <p>Programme Manager</p> <p>Steering Group</p>	<p>Promote awareness of the transition pathway through the network during 2020/21.</p> <p>Utilise Twitter analytics to evaluate the impact of the pathway.</p>	To ensure that every child and young person in Scotland makes a seamless transition to independent self-management of allergies	
<p>3. Stakeholder Communication and Engagement [linked to Quality Dimensions 1,3,4,5,6]</p>						
2020 05	<p>General Communication and Engagement</p> <p>CYANS will develop a clear process for communication and engagement with all key stakeholders by March 2021. This will include addressing how the network can effectively engage with hard-to-reach stakeholder groups.</p>	Apr 2020 – Mar 2021	<p>CYANS Steering Group</p> <p>Programme Manager</p> <p>Programme Support Officer</p>	<p>Network to review the potential of Roadshows to increase service buy-in and visibility, as well as reduce overall costs.</p>	<p>Stakeholders are aware of CYANS, and individual groups are aware of, contribute to and experience the benefits of network objectives.</p>	
2020 06	<p>Dedicated website area for young people</p> <p>The network will develop appropriate online resources for both clinicians and young people to support the management of young people with allergies, including information targeted to specific age groups. The resources will be made available on the website by March 2022.</p> <p>Establish effective measurement of current resources to help ascertain impact and scope for improvement.</p>	April 2020 - March 2022	<p>Dr Adrian Sie, Dr Rosie Hague, Dr Malcolm Shepherd</p> <p>Lead Clinician</p> <p>Ms Margaret Kelman</p> <p>Asst. Programme Manager</p>	<p>Work will begin on the dedicated website area for resources for young people during 2020/21.</p>	<p>The dedicated CYANS website area will signpost young people and clinicians to reliable evidence-based allergy information and resources. The information targeted to specific age groups will be accessible, engaging and useful.</p>	

CYANS Annual Report 2019/20

Objective Number	Smart Objective	Planned start/ end dates	Detailed Plan Available / Owner	Background to objective and proposed action for 2020/21	Anticipated Outcome	RAGB status
2020 07	<p>General website</p> <p>CYANS will keep its website up to date with useful, relevant information and resources for young people, families and care professionals, and refresh and re-design it as required.</p> <p>CYANS will utilise website analytics to support the updating and development of resources and information for the website.</p>	Apr 2020 – Mar 2022	<p>Dr Adrian Sie</p> <p>Programme Support Officer</p> <p>Programme Manager</p> <p>CYANS Steering Group</p>		The CYANS website will signpost health care professionals, patients and their families to reliable evidence-based allergy information and resources with the aim of becoming the primary source of reliable NHS allergy information in Scotland.	
4. Education [linked to Quality Dimensions 1,2,3,4,5,6]						
2020 08	<p>General education and training</p> <p>The network will continue to produce high quality education and training for healthcare professionals across NHS Scotland during 2020/21 to provide multidisciplinary clinicians with the opportunity to access consistent training in allergy.</p> <p>Address training and skill gaps in the management of children and young people with allergies.</p>	April 2020 - March 2021	<p>CYANS Steering Group</p> <p>Programme Manager</p> <p>Programme Support Officer</p>	<p>Amongst other education initiatives, CYANS will hold an Annual Study Day in early 2021 which will have a variety of speakers and workshops.</p> <p>CYANS will seek to attend the Annual 'Free From' show in 2021.</p>	By 2022 all multi-disciplinary allergy clinicians will have the opportunity to access allergy training provided or recommended by the network.	
2020 09	<p>PCAT Quality Improvement project</p> <p>CYANS will develop and implement a PCAT Quality Improvement project that will evaluate and improve allergy training for primary care clinicians.</p>	March 2021	<p>Ms Susan Brown</p> <p>Dr Nadia Qayyum</p> <p>Lead Clinician</p>	A revised model for the updated PCAT training was established in 2019 and CYANS was awarded further funding for PCAT sessions in Autumn 2019.	To provide the opportunity for all General Practitioners to access high quality allergy care training in Scotland.	

CYANS Annual Report 2019/20

Objective Number	Smart Objective	Planned start/ end dates	Detailed Plan Available / Owner	Background to objective and proposed action for 2020/21	Anticipated Outcome	RAGB status
	The course's face to face session will carry RCGP accreditation.		Programme Manager IMS Asst. Programme Manager	After the postponement of PCAT cohort 1 training in March 2020 due to COVID-19, an extension to the licences was granted by the Anaphylaxis Campaign. The network plans to hold its first session in the first half of 2021 if possible. The RCGP accreditation for the course's face to face session has expired. The network will reapply in 2020.		
2020 10	<p>Allergy Management Resource training tool for Health Visitors</p> <p>Finalise and pilot an Allergy Management Resource training tool for Health Visitors by March 2021.</p> <p>Work with NES to standardise Health Visitors allergy training delivered in every NHS board through the roll-out of the resource.</p>	Dec 2018 to March 2021	Ms Jan Chapple Ms Janet Purves Susan Brown Programme Manager NES	<p>The network formatted a standardised resource, which NHS Lothian tested in autumn 2019. In addition, the draft resource was presented at the CYANS Annual Paediatric Study Day. Feedback was excellent.</p> <p>The content for the course has been revised to NSD standards. A final review of the draft resource was due to take place March 2020, though this was delayed by COVID-19. The resource is due to go to the Steering Group for approval September 2020.</p>	To provide the opportunity for all Health Visitors to access high quality allergy care training in Scotland	

CYANS Annual Report 2019/20

Objective Number	Smart Objective	Planned start/ end dates	Detailed Plan Available / Owner	Background to objective and proposed action for 2020/21	Anticipated Outcome	RAGB status
5. Audit and Continuous Quality Improvement <small>[linked to Quality Dimensions 1,2,3,4,5,6]</small>						
2020 11	<p>Clinical Audit System (CAS)</p> <p>CYANS will continue to train key clinicians in the use of CAS during 202/21, as well as hold a training session for key staff.</p>	March 2021	<p>IMS Data Analyst</p> <p>Programme Manager</p> <p>Lead Clinician</p> <p>Dr Adrian Sie</p>	CAS training and awareness promotion will continue during 2020/21.	All NHS boards are aware of CAS and its data for children and young people with anaphylaxis to aid service planning, improvement, audit and research into allergy.	
2020 12	<p>CYANS will have a robust database for Anaphylaxis cases with regular input from all NHS Health boards by March 2022.</p>	March 2022	<p>IMS Data Analyst</p> <p>Programme Manager</p> <p>Lead Clinician</p>		The network will have access robust data to support Health Boards in identifying impact of Anaphylaxis, value of allergy training and areas of potential improvement.	
2020 13	<p>Allergy Clinic Questionnaire</p> <p>CYANS will trial the developed Allergy Clinic Questionnaire within a key Health Board by March 2022.</p>	March 2022	<p>Dr Adrian Sie</p> <p>IMS</p> <p>Steering Group</p> <p>Programme Manager</p>	<p>A Patient Quality of Care questionnaire for use in the clinic has been developed and will be introduced on a board by board basis.</p> <p>NHS Tayside to be contacted to further pilot the survey when services return to normal following the current COVID-19 pandemic.</p> <p>CYANS will work with IMS to develop a tool to enable effective audit of the questionnaire.</p>	<p>Patients and their families will have the opportunity to evaluate their current allergy service provision.</p> <p>Clinical teams will be able to audit their current allergy care and identify any training needs.</p>	

CYANS Annual Report 2019/20

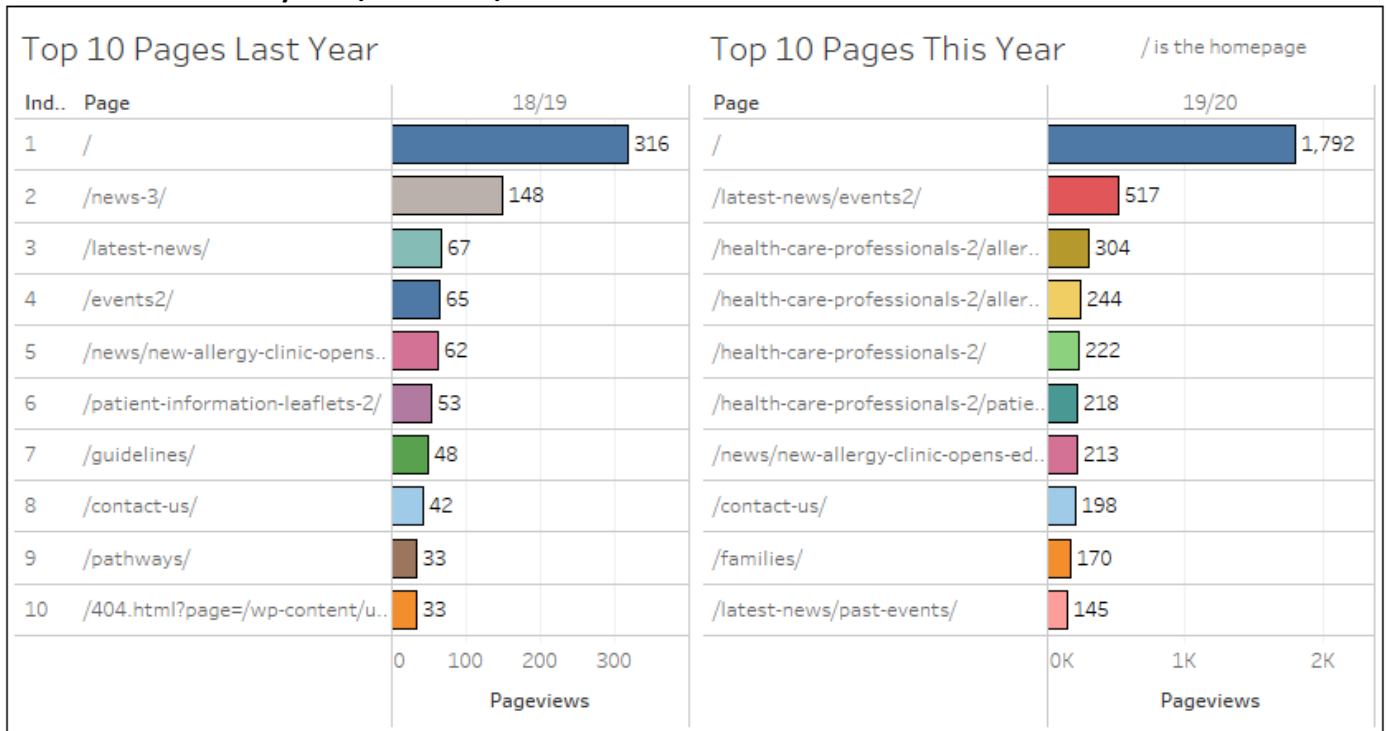
Objective Number	Smart Objective	Planned start/ end dates	Detailed Plan Available / Owner	Background to objective and proposed action for 2020/21	Anticipated Outcome	RAGB status
2020 14	<p>Prescribing costs</p> <p>By 2023 data from mapping allergy prescribing costs will enable the network to:</p> <p>a) Identify and implement more targeted education and training in order to improve prescribing practice;</p> <p>b) Identify and quantify potential cost savings in allergy prescribing.</p>	Mar 2023	<p>Steering Group</p> <p>Lead Clinician</p> <p>Programme Manager</p>	<p>Baseline data has been established which can be used to map current prescribing practices across Scotland, working in partnership with Public Health Scotland (ISD) and University of Edinburgh.</p> <p>During 2020/21, a plan will be formed to map current prescribing practices across Scotland using the baseline data and further data on allergy prescribing from ISD.</p>	Improved prescribing practice will result in cost savings in allergy prescribing.	

Appendix 1: Steering Group Membership

Name	Designation	Health Board / Organisation
Mariette Nortier	CYANS Lead Clinician, Consultant Paediatrician	NHS Fife
Susan Brown	Allergy Nurse Specialist	NHS Lothian
Lorraine Clark	Specialist Allergy and Immunology Nurse	NHS Grampian
Sally Egan	Director & Child Health Commissioner	NHS Lothian
Rosemary Hague	Consultant Paediatric Allergy, Immunology and Infectious Disease	NHS GG&C
Susan Harley	Allergy Nurse Specialist	NHS Fife
Richard Herriot	Adult Consultant Immunologist	NHS Grampian
Carla Jones	CEO Allergy UK	Allergy UK
Margaret Kelman	Research & Development Nurse	Allergy UK
Maria Mitchell	Paediatric Dietician	NHS Lothian
Janet Purves	Paediatric Dietician	NHS Fife
Nadia Qayyum	Consultant Paediatrician	NHS GG&C
Lynne Regent	Chief Executive Officer	Anaphylaxis Campaign
Helen Rhodes	Consultant Paediatrician	NHS Lothian
Aziz Sheikh	Professor of Primary Care Research & Development and Director, Usher Institute University of Edinburgh	
Adrian Sie	Consultant Paediatrician	NHS Lanarkshire
Phil McNicol	Programme Manager	NHS National Services Scotland
Luke Rush	Programme Support Officer	NHS National Services Scotland

Appendix 2: Data

CYANS Website activity 2018/19 & 2019/20



CYANS Tweet activity 2019/20

Month	No. Tweets	Profile Visits	Total followers	New Followers
April	17	35	199	0
May	4	16	199	0
June	6	25	199	0
July	5	20	199	0
August	1	1	199	0
September	3	10	221	22
October	28	31	227	6
November	14	15	232	5
December	8	13	241	9
January	9	26	247	6
February	12	88	252	5
March	7	119	254	2
Average	10	33		
Total:	114	399		55

Access to Health Care Resources for Children with Allergies.

Allergic conditions in Scotland have increased by 400% in the last 40 years. **Approximately 50% of children in Scotland currently have an allergic condition.** This includes asthma, allergic rhinitis and food allergy.

Approximately 6-8% of children and 2-3% of teenagers have a food allergy

Approximately 2.5% of children and young people have multiple severe allergies

Approximately 0.4% of children and young people have anaphylaxis

