



RADLEY

Allergies and Anaphylaxis

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ALLERGIES & ANAPHYLAXIS

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Review Frequency	Annually
Purpose	To minimise the risk of any pupil suffering a serious allergic reaction whilst at school or attending any school related activity. To ensure staff are properly prepared to recognise and manage serious allergic reactions should they arise.
Links with other policies	<u>Managing and administering medication</u> <u>First Aid</u>

Responsible for co-ordinating staff anaphylaxis training and the upkeep of the school's anaphylaxis policy:

- Lead Nurse
- First Aid and Sports Health Coordinator
- Catering Manager

1. Introduction

An allergy is a reaction of the body's immune system to substances that are usually harmless. The reaction can cause minor symptoms such as itching, sneezing or rashes but sometimes causes a much more serious reaction called anaphylaxis.

Anaphylaxis is a serious, life-threatening allergic reaction. It is at the extreme end of the allergic spectrum. The whole body is affected often within minutes of exposure to the allergen, but sometimes it can be hours later. Causes can include foods, insect stings, and drugs.

Most healthcare professionals consider an allergic reaction to be anaphylaxis when it involves difficulty breathing or affects the heart rhythm or blood pressure. Anaphylaxis symptoms are often referred to as the ABC symptoms (Airway, Breathing, Circulation).

It is possible to be allergic to anything which contains a protein, however most people will react to a fairly small group of potent allergens.

Common UK Allergens include (but are not limited to):-

Peanuts, Tree Nuts, Sesame, Milk, Egg, Fish, Latex, Insect venom, Pollen and Animal Dander.

This policy sets out how Radley College will support pupils with allergies, to ensure they are safe and are not disadvantaged in any way whilst taking part in school life.

2. Role and responsibilities

Parent Responsibilities

- On entry to the school, it is the parent's responsibility to inform the Health Centre and Catering department, via the form sent out, of any allergies. This information should include all previous serious allergic reactions, history of anaphylaxis and details of all prescribed medication.
- Parents are to supply a copy of their child's Allergy Action Plan ([BSACI plans](#) preferred) to school. If they do not currently have an Allergy Action Plan this should be developed as soon as possible in collaboration with a healthcare professional e.g. School nurse/GP/allergy specialist.
- Parents are responsible for ensuring any required medication is supplied on entry to the school
- Parents are requested to keep the school up to date with any changes in allergy management. The Allergy Action Plan will be kept updated accordingly.

Staff Responsibilities

- Staff will complete anaphylaxis training. Training is provided for staff on a yearly basis and on an ad-hoc basis for any new members of staff.
- Staff must have access to information of the pupils in their care (regular or cover classes) who have known allergies as an allergic reaction could occur at any time and not just at mealtimes. Any food-related activities must be supervised with due caution.
- Staff leading school trips will ensure they carry all relevant emergency supplies. Trip leaders will check that all pupils with medical conditions, including allergies, carry their medication. Pupils unable to produce their required medication may not be able to attend the excursion.
- The Health Centre will ensure that the up-to-date Allergy Action Plan is available
- It is the Pupil and PHM responsibility to ensure all medication is in date. However, the Health Centre will keep a list of expiry dates of AAI's that pupils hold
- The Health Centre keeps a register of pupils who have been prescribed an adrenaline auto-injector (AAI) and a record of use of any AAI(s) and emergency treatment given.

Pupil Responsibilities

- Pupils are encouraged to have a good awareness of their symptoms and to let an adult know as soon as they suspect they are having an allergic reaction.
- Pupils are encouraged to take responsibility for carrying their AAI on their person at all times.

3. Allergy action plans

Allergy action plans are designed to function as individual healthcare plans for children with food allergies, providing medical and parental consent for schools to administer medicines in the event of an allergic reaction, including consent to administer a spare adrenaline auto-injector.

Radley College recommends using the British Society of Allergy and Clinical Immunology ([BSACI](#)) [Allergy Action Plans](#) to ensure continuity. This is a national plan that has been agreed by the BSACI, Anaphylaxis UK and Allergy UK.

It is the parent/carer's responsibility to complete the allergy action plan with help from a healthcare professional (e.g. GP/School Nurse/Allergy Specialist) and provide this to the school.

4. Emergency Treatment and Management of Anaphylaxis

What to look for:

Symptoms usually come on quickly, within minutes of exposure to the allergen.

Mild to moderate allergic reaction symptoms may include:

- a red raised rash (known as hives or urticaria) anywhere on the body
- a tingling or itchy feeling in the mouth
- swelling of lips, face or eyes
- stomach pain or vomiting.

More serious symptoms are often referred to as the ABC symptoms and can include:

- **AIRWAY** - swelling in the throat, tongue or upper airways (tightening of the throat, hoarse voice, difficulty swallowing).
- **BREATHING** - sudden onset wheezing, breathing difficulty, noisy breathing.
- **CIRCULATION** - dizziness, feeling faint, sudden sleepiness, tiredness, confusion, pale clammy skin, loss of consciousness.

The term for this more serious reaction is anaphylaxis. In extreme cases there could be a dramatic fall in blood pressure. The person may become weak and floppy and may have a sense of something terrible happening. This may lead to collapse and unconsciousness and, on rare occasions, can be fatal.

If the pupil has been exposed to something they are known to be allergic to, then it is more likely to be an anaphylactic reaction.

Anaphylaxis can develop very rapidly, so a treatment is needed that works rapidly. **Adrenaline** is the mainstay of treatment, and it starts to work within seconds.

What does adrenaline do?

- It opens the airways up
- It stops swelling
- It raises the blood pressure

As soon as anaphylaxis is suspected, adrenaline must be administered without delay. Action:

- Keep the child where they are, call for help and do not leave them unattended.
- **LIE CHILD FLAT WITH LEGS RAISED** – they can be propped up if struggling to breathe but this should be for as short a time as possible.
- **USE ADRENALINE AUTO-INJECTOR WITHOUT DELAY** and note the time given. AAls should be given into the muscle in the outer thigh. Specific instructions vary by brand – always follow the instructions on the device.
- CALL **999** and state **ANAPHYLAXIS (ana-fil-axis)**.
- CALL Health Centre for medical support while awaiting Ambulance.
- If no improvement after 5 minutes, administer second AAI.
- If no signs of life commence CPR.
- Call parent/carer as soon as possible.

Whilst you are waiting for the ambulance, keep the child where they are. Do not stand them up, or sit them in a chair, even if they are feeling better. This could lower their blood pressure drastically, causing their heart to stop.

All pupils must go to hospital for observation after anaphylaxis even if they appear to have recovered as a reaction can reoccur after treatment.

5. Supply, storage and care of medication

Depending on their level of understanding and competence, pupils will be encouraged to take responsibility for and to carry their own **two** AAls on them at all times (in a suitable bag/container).

Medication kept in school should be stored in a suitable container and clearly labelled with the pupil's name. The pupil's medication storage container should contain:

- One or Two AAls i.e. EpiPen® or Jext® or Emerade®
- An up-to-date allergy action plan
- Antihistamine as tablets or syrup (if included on allergy action plan)
- Spoon if required
- Asthma inhaler (if included on allergy action plan).

It is the responsibility of the child's parents to ensure that the anaphylaxis kit is up to date on admission to Radley, and clearly labelled. However, the Health Centre and PHM will check medication kept at school and request a new prescription from the GP when necessary

Parents can subscribe to expiry alerts for the relevant AAls their child is prescribed, to make sure they can get replacement devices in good time.

Older children and medication

Older children and teenagers should, whenever possible, assume responsibility for their emergency kit under the guidance of their parents at home and PHM and Tutor when at school. However, symptoms of anaphylaxis can come on **very suddenly**, so school staff need to be prepared to administer medication if the young person cannot.

Storage

AAls should be stored at room temperature, protected from direct sunlight and temperature extremes.

Disposal

AAls are single use only and must be disposed of as sharps. Used AAls can be given to ambulance paramedics on arrival or can be disposed of in a pre-ordered sharps bin. Sharps bins are also available at the Health Centre.

6. 'Spare' adrenaline auto-injectors in school

Radley College has purchased spare **AAIs for emergency use in children who are risk of anaphylaxis**, but their own devices are not available or not working (e.g. because they are out of date). These are stored in an orange colour boxes or pouches, clearly labelled 'Emergency Anaphylaxis Adrenaline Pen', kept safely, not locked away and **accessible and known to all staff**.

Radley College holds 17 spare pens which are kept in the following locations:-

1. Health Centre
2. Dining Hall
3. Shop
4. Coffee Shop
5. With Defib outside Bursary
6. With Defib at Boathouse
7. A Social
8. B Social
9. C Social
10. D Social
11. E Social
12. F Social
13. G Social
14. H Social
15. J Social
16. K Social
17. L Social

The First Aid and Sports Health Coordinator is responsible for checking the spare medication is in date, and to replace as needed. There is a register of expiry dates held in the Health Centre

Written parental permission for use of the spare AAIs should be included in the pupil's allergy action plan.

If anaphylaxis is suspected **in an undiagnosed individual** call the emergency services and state you suspect ANAPHYLAXIS. Follow advice from them as to whether administration of the spare AAI is appropriate.

7. Staff Training

All staff should do awareness of anaphylaxis training, with specific anaphylaxis training including administration of AAIs in First Aid training

Training includes

- Knowing the common allergens and triggers of allergy
- Spotting the signs and symptoms of an allergic reaction and anaphylaxis. Early recognition of symptoms is key, including knowing when to call for emergency services
- Administering emergency treatment (including AAIs) in the event of anaphylaxis – knowing how and when to administer the medication/device
- Measures to reduce the risk of a child having an allergic reaction e.g. allergen avoidance, knowing who is responsible for what
- Managing allergy action plans and ensuring these are up to date
- A practical session using trainer devices (these can be obtained from the manufacturers' websites: www.epipen.co.uk and www.jext.co.uk and www.emerade-bausch.co.uk)

8. Inclusion and safeguarding

Radley College is committed to ensuring that all children with medical conditions, including allergies, in terms of both physical and mental health, are properly supported in school so that they can play a full and active role in school life, remain healthy and achieve their academic potential.

9. Catering

All food businesses (including school caterers) must follow the Food Information Regulations 2014 which states that allergen information relating to the 'Top 14' allergens must be available for all food products.

The Health Centre will inform the Catering Department of pupils with food allergies on admission to the College. Information will also be passed on when a diagnosis is made for an existing pupil.

Allergens are checked by the Catering team at every single meal and dish production time, and the matrix is displayed

Parents/carers are encouraged to contact the Catering Manager, where appropriate, to discuss their child's needs.

The school adheres to the following [Department of Health guidance](#) recommendations:

- Bottles, other drinks and lunch boxes provided by catering for pupils with food allergies should be clearly labelled with the name of the child for whom they are intended.
- If food is obtained from Dining Hall or Shop, pupils should check the appropriateness of foods by speaking directly to the catering team, or checking the matrix provided
- The pupil should be taught to also check with catering staff, before selecting their lunch choice.
- Where food is provided by the school, staff should be educated about how to read labels for food allergens and instructed about measures to prevent cross contamination during the handling, preparation and serving of food. Examples include: preparing food for children with food allergies first; careful cleaning (using warm soapy water) of food preparation areas and utensils. For further information, parents/carers are encouraged to liaise with the Catering Manager.
- Use of food in crafts, cooking classes, science experiments and special events (e.g. assemblies and cultural events) needs to be considered and may need to be restricted/risk assessed depending on the allergies of particular children and their age.

10. School trips

Staff leading school trips will ensure they carry all relevant emergency supplies. Trip leaders will check that all pupils with medical conditions, including allergies, carry their medication. Pupils unable to produce their required medication may not be able to attend the excursion.

All the activities on the school trip will be risk assessed to see if they pose a threat to allergic pupils and alternative activities planned to ensure inclusion.

Overnight school trips should be possible with careful planning and correspondence with parents, where required, with the lead member of staff planning the trip should be arranged. Staff at the venue for an overnight school trip should be briefed early on that an allergic child is attending and will need appropriate food (if provided by the venue).

Sporting Excursions

Allergic children should have every opportunity to attend sports trips to other schools. Sports coaches should check the school database to ensure they are aware of any pupils with allergies in their team. The school being visited can be notified that a member of the team has an allergy when arranging the fixture. Sports coaches should be trained in administering an AAI. If another school feels that they are not equipped to cater for any food-allergic child, the school will arrange for the child to take alternative/their own food.

Most parents are keen that their children should be included in the full life of the school where possible, and the school will need their co-operation with any special arrangements required.

11. Allergy awareness and nut bans

Radley College supports the approach advocated by Anaphylaxis UK towards nut bans/nut free schools. They would not necessarily support a blanket ban on any particular allergen in any establishment, including in schools. This is because nuts are only one of many allergens that could affect pupils, and no school could guarantee a truly allergen free environment for a child living with food allergy. They advocate instead for schools to adopt a culture of allergy awareness and education.

A 'whole school awareness of allergies' is a much better approach, as it ensures teachers, pupils and all other staff are aware of what allergies are, the importance of avoiding the pupils' allergens, the signs & symptoms, how to deal with allergic reactions and to ensure policies and procedures are in place to minimise risk.

12. Risk Assessment

Radley College will conduct an individual risk assessment for all new joining pupils with allergies and any pupils newly diagnosed, to help identify any gaps in our systems and processes for keeping allergic children safe.

13. Useful Links

Anaphylaxis UK Safer Schools Programme - <https://www.anaphylaxis.org.uk/education/safer-schools-programme/>

AllergyWise for Schools (including certificate) online training - <https://www.anaphylaxis.org.uk/allergywise/>

BSACI Allergy Action Plans - <https://www.bsaci.org/resources/resources/paediatric-action-plans/>

Spare Pens in Schools - <http://www.sparepensinschools.uk>

Department for Education Supporting pupils at school with medical conditions - https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/803956/supporting-pupils-at-school-with-medical-conditions.pdf

Department of Health Guidance on the use of adrenaline auto-injectors in schools - https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/645476/Adrenaline_auto_injectors_in_schools.pdf

Food allergy quality standards (The National Institute for Health and Care Excellence, March 2016) <https://www.nice.org.uk/guidance/qs118>

Anaphylaxis: assessment and referral after emergency treatment (The National Institute for Health and Care Excellence, 2020) <https://www.nice.org.uk/guidance/cg134?unlid=22904150420167115834>