

"Drink as much ale you can possible.
If you vomit, drink as more ale as you can and either walk or ride for two or three hours."

What can we learn from written recipes of the past? "The Lady Sedley, her Receipt book, 1686" is a 17th-century manuscript from the Royal College of Physicians containing handwritten medical receipts, or recipes, that are primarily plant-based and provide a glimpse into the history of medicine. Practiced locally and in the home, these recipes highlight common ailments and cosmetic concerns at the time, accessibility to ingredients, as well as the presence of religion, superstition, and folklore.

At the time Lady Sedley wrote her book of recipes, she had lived through the devastating 1665 outbreak of the Bubonic Plague, the Great Fire of London in 1666, and was living in a time surrounded by rising, deadly cases of Smallpox. Lady Sedley's book of recipes demonstrates that although women were unwelcome in medical professions, housewives had an essential role in health care at the time. Women compiled medical recipes in household books like this one, sourcing recipes from friends, family, and medical professionals within the community.

"The Lady Sedley, her Receipt book, 1686" is just one of two million pages of documents covering seven centuries of medical history belonging to the Royal College of Physicians that has been digitized by Wiley Digital Archives. Thanks to Automatic Text Recognition (ATR), handwritten manuscripts like this one can be converted to typeset, making it fully searchable and easier for researchers to read.

Let's travel back in time to see exactly how Lady Sedley's recipe book compares to modern day medicine and remedies.



### **Bottoms Up!**

It may be surprising how often alcohol was used in Lady Sedley's recipes. Ale, wine, brandy, and other types of alcohol are used in processes such as straining, stamping, steeping, infusing, and distilling. Additional usage calls for drinking alcohol alongside suggested remedies to increase their effectiveness. One cure for kidney stones, for instance, advises to "drink as much ale you can possible, if you vomit drink as more ale as you can and either walk or ride for two or three hours."

Today, alcohol interacts negatively with most modern medications, though it played a crucial role in herbal remedies of the past. Alcohol is an excellent extractant, pulling and activating the beneficial

chemical components of herbs. In a handful of 17th century English towns, alcohol was safer and cleaner than drinking from local water sources which could be polluted. In the following recipe Lady Sedley instructs patients to drink nothing other than this boozy concoction for a whole year:

### A drink good for palsey

Take the shavings of the stalks of ole Rosemary, half and weigh orange peels, wheat bran of sack one handful, sage dryed by the fire of two handfuls. Put these into a bolting bag & hang it in a vessel of 4 or 5 gallons of ale or beers of a middle strength a drinke nor other drinks for a whole year.

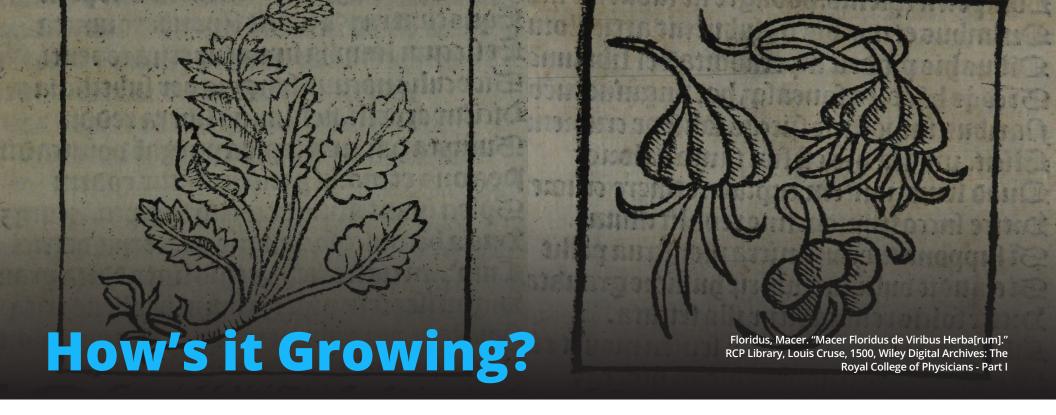
The Receipt of the flowers of Rosemary and its vertues

Take Rosemary flowers & Stamp them, then put a glass with Strong wine, & Stop it close, then sett it in the Sunn have both water & Oyle, the which you shall seperate and you shall close in a glass & its vertues are these continued 6 or 7 years, it comforteth the memory, and also prosoveth the Eyos, if you drink thorsof now and thon a drop or two & put another into the Eyos. It helpeth those that are deast if it be put into the Eards and also drunk with good wine, It opneth all Stoppings of the Liver & Milte, and helpeth against the Dropsoy, yellow Jaundice It breaketh wind & helpeth Collick, & riseing of the mother, It is also eecellent for those that have drunk poylon, or that are

put it into fresh greifs, turn it and wipe it, and put it into fresh grafs every day till it be ripet.

Receipt to make Poppy water

Take 2. Bushells of black eyed Poppeys, lift the leeds and drye them, so done, open them & sift them againe, then take 3 Gallons of Brandy, put the poppeys & Brandy into a large glasse, & put into it these following leeds, vize Carroway seeds, Invest fennell seeds, Gromball seeds, Corriander seeds, of each, 3 ounces, a quarter of a pound of Lickorish, Scrape & Slice it it of browne Suggar landy of Cynamon 3 ounces, one sit of Raisins Stonid & asmany bleso Figgs cutt in peices, and as many Dates Stonid, then take 3 or 4 handfulls of Clove-Selly flowers, clipd & dry'd all these must be put into if Brandy & Koppd us elrho we



Setting alcohol aside, Lady Sedley's recipe book gives us a glance into a wide array of ingredients: from homegrown herbs to expensive spices. Herbs used in Lady Sedley's recipes, such as dandelion, fennel, mug wort, rosemary, sage, spearmint, thyme, and wormwood were able to be cultivated from gardens and the nearby environment. Gardens were important assets in the 17th century, providing access to medicinal herbs. Monasteries and manors enjoyed the luxury of large formal gardens. Informal herb gardens, while smaller, provided access to herbs right outside one's doorstep.¹ Even with supplemental growing practices, local markets remained a steady resource for buying herbs.

Specific ingredients outside of the garden had a steep 17th century price tag. Imported spices such as cinnamon, cloves, ginger, nutmeg, and saffron were expensive due to the Dutch monopoly on the spice trade at the time. Hartshorn, or red deer antler powder, relied upon the skills of hunters. Rosewater, yet another pricy ingredient, was noted often by Lady Sedley and not easily obtained by those with less wealth.

Many of these ingredients continue to be used in our modern day: spices and herbs for their aromatic qualities in the kitchen, and rosewater for its anti-inflammatory properties in skincare. Wormwood continues to be used medicinally, though in smaller quantities, using methods that reduce thujone - a chemical present in wormwood that can cause seizures, kidney failure, paralysis, and other adverse effects.<sup>2</sup>

<sup>&</sup>lt;sup>2</sup> Curtis, Lindsay. What is Wormwood? Verywell Health. January 4, 2022. Accessed July 12, 2022. https://www.verywellhealth.com/wormwood-5082001



<sup>&</sup>lt;sup>1</sup> Larkin, Deirdre. A Short History of Herb Garden Design. Brooklyn Botanic Garden. September 1, 2004. Accessed July 12, 2022. https://www.bbg.org/gardening/article/history\_of\_herb\_garden\_design

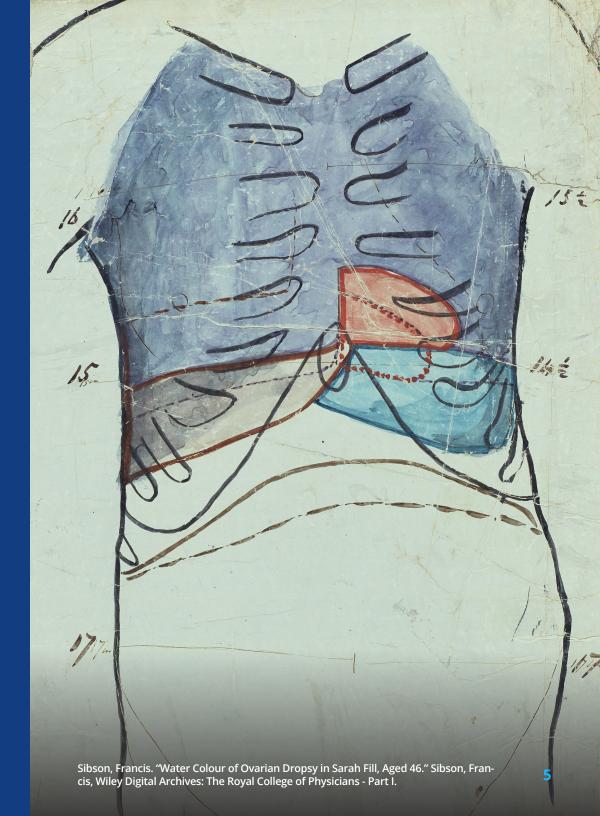
# Concerns of the Time: Medical & Cosmetic

Herbs, spices, alcohol, and more are used in recipes that give us a first-hand look at common conditions of the time. Lady Sedley's book makes frequent mention of jaundice, toothaches, soreness, and stomach pains. One other includes dropsy, a type of swelling resulting in fluid accumulation. Dropsy is considered an antiquated diagnosis with the advancement of medical knowledge, as fluid build-up is now commonly associated with organ disease and malnutrition.

Other everyday quandaries targeted cosmetic concerns, giving us a sneak peek into 17th-century beauty standards. Contained therein are cures for a naturally red face, bloodshot eyes, making teeth white, and remedies targeting hair loss. One recipe claims a cure for freckles using ingredients such as white wine, rosemary, and vinegar. Freckles remain a hot topic in the beauty-standard debate today: in some countries it's common to laser away freckles while, in others, some flock to tattoo shops to have artificial ones inked on.

### To make Teeth white

Take the Root of Walnut Tree, & Seeth it in white wine then take part of it and chew it between your Teeth to dissolve the hardness thereof and so rubb your Teeth, and it will make them white and this is good for the Eye Sight also



# Be Sure to Take Your Vitamin C

Further recipes highlight larger concerns of the time. Written approximately a century before cures for scurvy were understood and practiced, Sedley's scurvy remedy consists of nutrient-dense ingredients, rich in vitamin C, such as lemons, brooklime, watercress water, and scurvy grass. James Lind is attributed with the discovery of the cure in his Treatise of the Scurvy in 1753 after conducting nutritional research on sailors and finding that orange and lemon juice was the most successful in treating scurvy, though remedies using citrus fruits, such as Sedley's, have existed as early as the 1590s.<sup>3</sup>

For the Scurry & Dropsy. Jake Sie po of the leaves of Sea e Garden Scurvy Grafs a po e ahalfe of Brooklime, as much of water- Grefses; Stamp & Straine the Juice out, put to it 4 po of the roots of Briany, Horse radish 2.p. Wintene halfe apt, twelve Lomons Slied thin meat & Rhine 4 02 of Rutmeggs großly bruis'd let all these Stand infusing 3 days in Eight pints of Rhenish wine, then distill it. Take 3 Spoonfulls of it evry morning & Evning: you must abstaine from all Salt meats, Swines flesh Butter and wine. It is very good to wash your Eyes. A most Excellent receipt to keep the Face from Pitting with the Small Pox. Take a pound of Butter out of the Churut unsalted a pound of Shuggar double refind beaten p Searced put these two together upon a slow fire to melt, ~ then beat it till it is thick, and keep your Face announting with it, that it may not be dry, & this is not to be ofd the Pox begin to crush. Judge Ellis's receipt for the Stone Tako Saxifreige, Parly, Thyme, Winter Savory Termander, Camomile wormwood, Penny royall, Hylsop, Lavender, Fennell, of evry one of thefe a Bateman, Thomas. "Water colour drawings of skin diseases." Water colour drawings of skin diseases made for Dr. Thomas Bateman, 1797 - 1814. Wiley Digital Archives: Royal College of Physicians – Part II.

<sup>&</sup>lt;sup>3</sup> Hellawell, Phillippa."How Old Wives' Tales Helped Cure Scurvy." Wiley. April 8, 2020. Accessed July 12, 2022. https://www.wiley.com/network/librarians/digitizing-archive-collections/how-old-wives-tales-helped-cure-scurvy

## God Save Us from the Plague

The largest public fear of Lady Sedley's lifetime, however, was the Bubonic plague outbreak of 1665-1666 in London, England, which was estimated to have killed over 15% of London's population<sup>4</sup>. Having lived during this time, Lady Sedley was presumably influenced by her own personal accounts of the plague.

Intervention from God is mentioned in three recipes, two of which concern the plague. Surrounded by death and despair, religion provided understanding and relief in uncertain times. Some believed that illness was a form of repentance, a result of sin, and a revenge from God. The inflicted were forced to quarantine, as their doors were marked with a red cross along with the text, "Lord have mercy upon us." Sedley held on to faith in healing: "A Medicine for the Plague," claims that the consumption of an herbal

infused white wine will make one "safe for one year by the grace of God." The same recipe ends by affirming that the patient "shall be whole by the grace of God."

In "A good preservative against the plague or pestilence," Sedley uses the herb of grace, or rue, which was believed to keep evil spirits away and used in holy water for exorcisms.6 Before scientific medicine, prayers and faith were largely relied upon for healing. The public fear began to subside in the fall of 1666 as the plague began to decline. The decline has been greatly attributed to the Great Fire of London, a fire which started on September 2, 1666, in a bakery and swept through much of London. It is theorized that the fire eradicated the main carriers of the plague: mice and fleas.

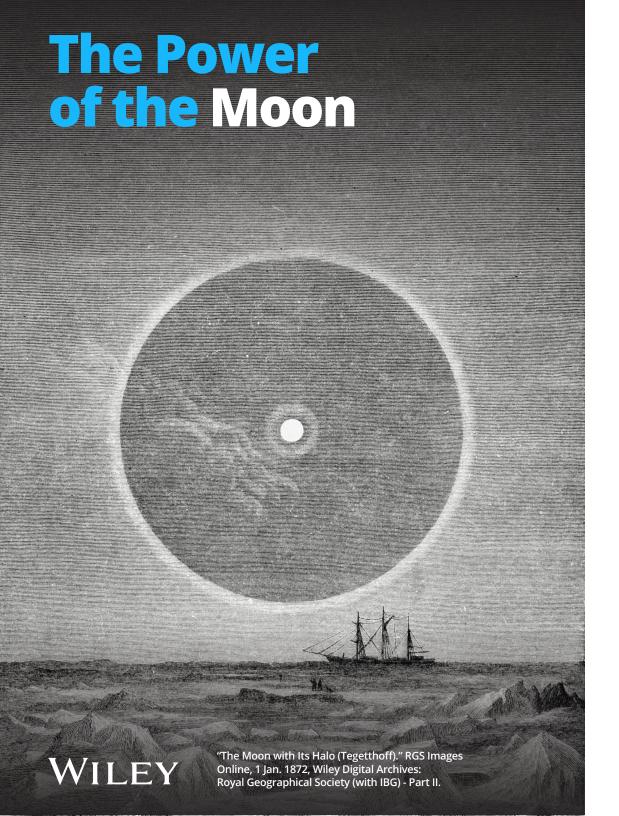




<sup>&</sup>lt;sup>4</sup> Great Plague of 1665-1666. The National Archives. Accessed July 12, 2022. https://www.nationalarchives.gov.uk/education/resources/great-plague/

<sup>&</sup>lt;sup>5</sup> Roos, Dave, How 5 of History's Worst Pandemics Finally Ended. History. March 4, 2021. Accessed July 12, 2022. https://www.history.com/news/pandemics-end-plague-cholera-black-death-smallpox

<sup>&</sup>lt;sup>6</sup> Arrowsmith, Nancy. Essential Herbal Wisdom: A Complete Exploration of 50 Remarkable Herbs. Llewellyn Worldwide; 2009.



Lady Sedley sprinkles not only religion into her recipes, but also the power of the moon. Historically, the moon has been viewed as an important symbol in paganism, with lunar cycles connected to fertility.

There was also the superstition that the moon could influence mental health, the word 'lunacy' comes from the word 'lunar'. The Duke of Monmouth's recipe for a stone instructs the patient to take the remedy three days before the new moon and three days after. Sedley's recipe for the dropsy advises to begin drinking the remedy at the first quarter of the moon, until the moon is full. Her recipe for madness in men or beasts advises to consume for three mornings as a source of time keeping, but then adds that it be taken before the new and full moon.

Witchcraft was a prevalent concern in the 17th century, both in England and colonial America. Sedley's confidence writing recipes that relied on pagan rituals and superstition shows that it wasn't a great worry of hers and may have been commonplace at the time. Lady Sedley's mention of lunar cycles was perhaps influenced by ancient folklore and modern superstitions about the power of the moon.

### For madness in men or beasts

Take of Agrimony roots Primerose roots Dragon roots, Single-Pony rests of each one handfull, the black, of Grabbi-clands prepard jounce. Venice Treaches ounce; the leaves of Box bruild one handfull State of the earth 2 handfulls. Beat all these, and bruise um together then boyle um in about a Gallon of Mith, till half be bould away then pull it into bottles unstraind and give of it 3 or 4 Carg Spearfull at a time 3 mornings together, before new and full moone.

## Taking a "Shot" at a Smallpox Cure

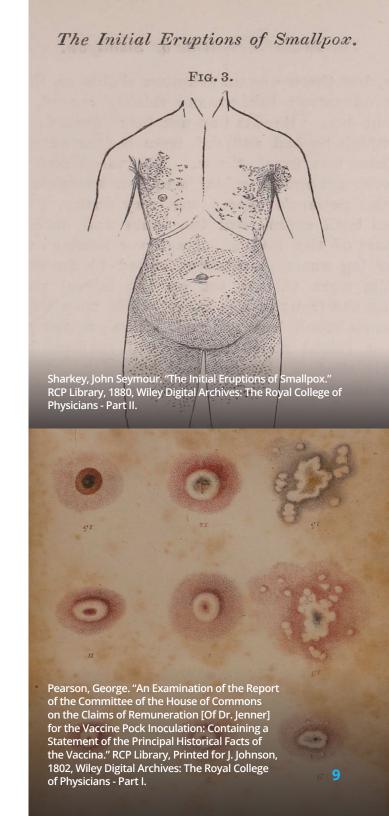
Lady Sedley lived a life surrounded by disease, filled with a deadly plague and climbing smallpox cases. Noted as the most infectious human disease ever known, the smallpox virus accounted for approximately 6% of all burials in London in the mid-seventeenth century, making it a common cause of death.<sup>7</sup> A resurgence of a virulent and deadly strain of smallpox began in the 1630's and became a great public fear after the end of the Bubonic plague in 1666.

While the smallpox vaccine, the first successful vaccine to end an epidemic, was developed in 1796, Lady Sedley searched for a cure or, at the very least, some relief close to a century beforehand. In one of her treatments, Lady Sedley uses butter and sugar as a face cream to target the smallpox rash and prevent pitting, a type of scarring that looks like a pit or hollow crater.

Another recipe advises to "Give no medicine when they break," which begs the question: Did Lady Sedley understand the ineffectiveness of medication when targeting smallpox? To this day there is no proven antiviral cure for smallpox.

<sup>&</sup>lt;sup>7</sup>La Davenport Jane Romola, Satchell Max, Shaw-Taylor Matthew William Leigh. The geography of small pox in Englang before vaccination: A conundrum resolved. Social Science & Medicine. 2018; 206. https://doi.org/10.1016/j.socscimed.2018.04.019





### **Controversial Methodology**

While using butter and sugar as a face cream may not be overly concerning, other recipes include methodology that would likely be considered controversial today, with violent instructions such as stomping young swallows, "ready to fly," into an oil-like consistency that is applied to the skin to alleviate aches and bruises. Some involve rather dangerous methods; Lady Sedley's recipe for a tooth ache uses a white-vinegar and liquor mouthwash that is "as bad as poison" if swallowed. Other recipes include excrement from animals, as the microflora contained therein was considered useful.

### For the black jaundice

Take a pint of Malmsey, put thereto the juice of its branches of Sallendine, and a Sheep's turd strayned into it ribon it is new dungd, long Pepper English saffron & tumerick, put those together a give it to the gotye fasting.

### Dr Jacob's receipt for giddiness in the head

The single male prong root in powder-peacock dung at poroder and nutmegg half an ounces and each take every night and morning at much at will lye upon a six pence in four spoon-fulls of black Cherry-water.

Sedley, Lady (Catharine). "The Lady Sedley, her Receipt book, 1686." Lady (Catharine) Sedley, Manuscripts, 1686. Wiley Digital Archives: The Royal College of Physicians - Part I.



for the Tooth Ache. Jake a Spoonfull of English Hony, a Spoon Ginger and Pepper beaten small, a Spoonfull water, a Spoonfull of Aquavité a Spoonfull of white vinegar sij Sage bavos Shrod Imall a much as a nut of Roch Allomo, and so boyle a Chafing dish of Coals vitill they come to thon make a Clouth like a Pouscool and lay your Chook and your Guino. For the yellow Saundice Take Itale Ale half a pint, Dasy Roots ah wash, a Stamp'om together, then Take Angleton handfull of Strip the sarth out of them the them, and put to it the Innor partor Rinds Barbary tree, and drink them noot your Ho Morning and Evening. For the Dropsy in the Nomb, of feet, or for the Amposthume in the 3to Gout in the Stomach, or for any evi

Gout in the Stomach, or for any evil Take Stamony iiij weight, Of Rubarb xij wa Spicknard iij weight, flower of Cammornill jo we white Shuggar Candy one ounce put them all to a Mertar and boat them into fine powder. Ve following fasting a Spoonfull at a time.

### **Treating the Sweet Tooth**

Housewives' essential role in health care is coming to light as more recipe books become digitized and accessible. Through these we can see how medical recipes sat directly alongside culinary recipes and were primarily the domain of women in the 17th century.

Though a majority of Sedley's recipes are medicinal remedies, the book contains 16 culinary recipes including sweet treats like almond gingerbread, cake, barley cream, cream cheese, and marchpane. Sedley not only displays her knowledge as a medicinal caretaker, but as a skilled baker. Here is her recipe for almond ginger bread:

### To make almond ginger bread

Blanch a pound of the best Jordan Almonds, beat a few of um at a time, droppin a little rose or orange water to keep um from oyling. They must be beat to a perfect paste. One pound and half of double refind sugar served very fine, and powder ginger to your taste. As much Gumdragon as a nutt, infused in orange flower water. Beat all those in a morter till it is well mixt. To make the browne add Cinamon powder, and twelve drops of spirit of Cinamon. If you please make up the white with fine sugar and the brownes with Cinamon powder: role it out and print it: then lay it before the fire to dry.

129 Blanch a pound of the Both Fordan Almonds Ceate a few of um at a time, droppin a little Rose or orange water to seep um from oyling They must be deat to aperfect past one pound well mixt. To make the browne and Cinamon powder, and twolve drops of Spirit of Cinamon of you please make up the white with fine sugar and the browne with Cinam on powder wols it out and print it: then lay it before the five to drye Sedley, Lady (Catharine). "The Lady Sedley, her Receipt book, 1686." Lady (Catharine) Sedley, Manuscripts, 1686. Wiley Digital Archives: The Royal College of Physicians - Part I.

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