

This Myopia Moment provides a brief overview of three lifestyle factors to include in conversations with children and their parents about myopia management. Please refer to the source references for more details.

HOURS **OUTSIDE** PER DAY

WHAT WE KNOW:

Studies have found that time spent outdoors can help prevent or delay the onset of myopia or halt or slow its progression.

WHY?

While more research is ongoing, factors such as the 3D nature and bright light that come with time spent outdoors have a positive effect on the development and progression of myopia.

WHAT TO RECOMMEND?

Mention that the more time spent outside the better the effect. Suggest a minimum 2 hours per day of outdoor activity at any point during the day, including school time.









WHAT WE KNOW:

It is important to provide comprehensive eye exams to children early to delay the onset or slow the progression of myopia. The signs of a child becoming myopic may already be evident in 4 year-olds.

WHY?

Behavioral changes and optical interventions have the most impact when initiated as early as possible.

WHAT TO RECOMMEND?

- Encourage pre-school age children to come in for a comprehensive eve exam.
- Follow-up: Yearly examinations or twice a year for children at particular risk.



WHAT WE KNOW:

Some studies have found a correlation between screen time and near work with the onset of myopia.



WHY?

Further research is needed to understand why excess viewing on devices and near work may influence myopia, but eye care professionals have reported higher rates of myopia during the COVID-19 pandemic as more children have increased schoolwork due to remote screen time.

WHAT TO RECOMMEND?

Encourage patients to follow the 20-20 rule: for every 20 minutes spent looking at a screen take a break by looking into the distance for 20 seconds.

