

Progenity, Inc.
4330 La Jolla Village Drive, Suite 200
San Diego, CA 92122
(855) 293-2639

June 28, 2021

VIA EDGAR

Securities and Exchange Commission
Division of Corporation Finance
100 F Street, N.E.
Washington, DC 20549
Attn: Jeffrey Gabor

Re: Progenity, Inc.
Registration Statement on Form S-1
Filed June 21, 2021
File No. 333-257187

Dear Mr. Gabor:

Pursuant to Rules 460 and 461 promulgated under the Securities Act of 1933, as amended, Progenity, Inc., a Delaware corporation (the "Company"), hereby respectfully requests that the effective time of the above referenced Registration Statement on Form S-1 filed by the Company (the "Registration Statement") be accelerated to 4:01 p.m., Eastern Standard Time, on June 30, 2021 or as soon thereafter as practicable.

[Signature page follows]

Very truly yours,

Progenity, Inc.

By: /s/ Harry Stylli, Ph.D.

Name: Harry Stylli, Ph.D.

Title: Chairman and Chief Executive Officer

cc: Ryan A. Murr, Gibson, Dunn & Crutcher LLP